## 2015 Channel Summary Report

## **Overall Unit and Item Ratings**

# **Merced Streams Group**

### **Bear Creek**

Overall Unit Rating	Rated Item	Item Rating
M	Vegetation & Obstructions	М
	Shoaling / Sedimentation	М
	Erosion / Bank Caving	М
	Revetments & Other Structural Appurtenances	М
	Encroachments	Α

### **Black Rascal Creek**

Overall Unit Rating	Rated Item	Item Rating	
M	Vegetation & Obstructions	U	
	Shoaling / Sedimentation	М	
	Erosion / Bank Caving		
	Revetments & Other Structural Appurtenances		
	Encroachments	Α	

### **Burns Creek**

Overall Unit Rating	Rated Item	Item Rating			
Α	Vegetation & Obstructions	А			
	Shoaling / Sedimentation				
	Erosion / Bank Caving				
	Revetments & Other Structural Appurtenances				
	Encroachments	Α			

## Mariposa Creek & Duck Slough

Overall Unit Rating	Rated Item	Item Rating			
M	Vegetation & Obstructions	U			
	Shoaling / Sedimentation				
	Erosion / Bank Caving				
Revetments & Other Structural Appurtenances		N			
	Encroachments	М			

### **Miles Creek**

Overall Unit Rating	Rated Item	Item Rating		
M *	Vegetation & Obstructions	M *		
	Shoaling / Sedimentation			
	Erosion / Bank Caving	А		
	Revetments & Other Structural Appurtenances	Α		
	Encroachments	Α		

<sup>\*</sup> Overall channel rating average is less than 0.2, however, U rated issues are present, so the overall rating is M instead of A.

## **Owens Creek**

Overall Unit Rating	Rated Item	Item Rating
A	Vegetation & Obstructions	Α
	Shoaling / Sedimentation	
Erosion / Bank Caving		Α
Revetments & Other Structural Appurtenances		Α
	Encroachments	М

Flood Control Project Maintenance

## **Unit Cover Sheet**

## 2015 Channel Inspection Results

# **Merced Streams Group**

Channel
Bear Creek

Channel Rating	М	
Date of Inspection	08/03/2015 - 08/04/2015	
DWR Inspector	Herman Phillips	
Accompanied By	No One No One	

## Levee Inspection Report By Mile - Channel 2015

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/03/2015 08/04/2015	Herman Phillips

### Check Point / View **Bonner Rd / Up** Rating \*\* Α Issue No. GPS Lat/Long Issue Type + Location \* Ma 37.336900° Category Rivers, Channels & Designated Flood -120.311100 ° Item Vegetation & Obstructions DWR ID DWR\_NA0013\_32\_c \_ 2012\_1 Action/Comments

Inspector Comments: There is very little growth in the channel mostly dry grasses at this location.

Photo 1 of 1: CH\_2015\_NA0013\_32\_1\_20150827\_00021.jpg



Looking upstream from Bonner Road bridge crossing the Bear Creek.

Rating **	A Issue No. 2		GPS Lat/Long		
Issue Type +	Ma	Location *		37.336900 °	
Category	Rivers, Ch	annels & D	esignated Flood	-120.311100 °	
Item	Shoaling /	Shoaling / Sedimentation			
DWR ID	DWR_NA0013_32_c _ 2012_2				
Action/Comments					

Inspector Comments: No shoaling or sedimentation at this location.

No Photos

Rating **	Α	Issue No. 3		A Issue No. 3 GPS		GPS Lat/Long	
Issue Type +	Ма	Location *		37.336900	0		
Category	Rivers, Ch	Rivers, Channels & Designated Flood			0		
Item	Erosion / Bank Caving						
DWR ID	DWR_NA0013_32_c _ 2012_3						
Action/Comments							

Inspector Comments: Did not notice any erosion at this location during this inspection.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

## **Levee Inspection Report By Mile - Channel 2015**

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/03/2015 08/04/2015	Herman Phillips

### Check Point / View **Bonner Rd / Up (cont)**

Rating **	N Issue No. 4			GPS Lat/Long	
Issue Type +	Ma Location *			37.336900°	
Category	Rivers, Channels & Designated Flood			-120.311100 °	
Item	Revetment	Revetments			
DWR ID	DWR_NA0013_32_c _ 2012_4				
Action/Comments					

No Photos

Inspector Comments: There is no revetment at this location.

Rating **	A Issue No. 5		GPS Lat/Long		
Issue Type +	Ma	Ma Location *			
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Encroachn	Encroachments			
DWR ID	DWR_NA00	DWR_NA0013_32_c _ 2012_5			
Action/Comments					

No Photos

Inspector Comments: No encroachments at this location.

### Check Point / View **Bonner Rd / Down** Rating \*\* Issue No. Α GPS Lat/Long Issue Type + Ма Location \* 37.336900 °

Rivers, Channels & Designated Flood Category -120.311100 ° Item Vegetation & Obstructions DWR ID DWR\_NA0013\_32\_c \_ 2012\_6

Action/Comments

Inspector Comments: There is no growth in the channel that would impede the flow.

### Photo 1 of 1: CH\_2015\_NA0013\_32\_6\_20150827\_00022.jpg



Bonner Road crossing the Bear Creek looking downstream.

Location LS : Land Side WS: Water Side CR : Crown

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

A/W: Acceptable but Monitor & Maintain

## **Levee Inspection Report By Mile - Channel 2015**

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/03/2015 08/04/2015	Herman Phillips

### Check Point / View **Bonner Rd / Down (cont)**

Rating **	A Issue No. 7		GPS Lat/Long		
Issue Type +	Ma Location *		37.336900 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Shoaling /	Shoaling / Sedimentation			
DWR ID	DWR_NA00	13_32_c _ 2			

Action/Comments

Inspector Comments: Non-aquatic grasses present on shoal. No trees or brush is present on shoal, and channel flow is not impeded.

Rating \*\* Issue No. Α GPS Lat/Long Issue Type + Ма Location \* 37.336900° Category Rivers, Channels & Designated Flood -120.311100 ° Item Erosion / Bank Caving DWR NA0013 32 c 2012 8 DWR ID Action/Comments

Inspector Comments: Didn't observe any erosion during this inspection.

Rating \*\* Issue No. Ν GPS Lat/Long Issue Type + Ма 37.336900 °

Category Rivers, Channels & Designated Flood Item Revetments

DWR\_NA0013\_32\_c \_ 2012\_9 DWR ID

Action/Comments

Inspector Comments: No Revetment observed at this location.

No Photos

No Photos

No Photos

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated : Corrected A/W: Acceptable but Monitor & Maintain

-120.311100 °

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## **Levee Inspection Report By Mile - Channel 2015**

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/03/2015 08/04/2015	Herman Phillips

### Check Point / View **Bonner Rd / Down (cont)**

Rating **	A Issue No. 10			GPS Lat/Long	
Issue Type +	Ма	37.336900	0		
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Encroachn	Encroachments			
DWR ID	DWR_NA00				
Action/Comments					

Inspector Comments: There were no encroachments at this location.

No Photos

## Arboleda Dr / Up

	- P					
Rating **	M Issue No. 21			GPS Lat/Long		
Issue Type +	Ma Location *			37.310805	0	
Category	Rivers, Channels & Designated Flood			-120.378733	0	
Item	Vegetation					
DWR ID	DWR_NA00					
Action/Comments						

Check Point / View

Inspector Comments: There is some vegetation in the main channel that won't impede the flow.

## Photo 1 of 1: CH\_2015\_NA0013\_32\_21\_20150827\_00023.jpg



Arboleda Drive crossing Bear Creek looking upstream.

Rating **	A Issue No. 22			GPS Lat/Long	
Issue Type +	Ма	Location *		37.310805	0
Category	Rivers, Ch	-120.378733	0		
Item	Shoaling /	Shoaling / Sedimentation			
DWR ID	DWR_NA0013_32_c _ 2012_22				
Action/Comments					

Inspector Comments: No shoaling at this location.

No Photos

LS : Land Side WS: Water Side CR : Crown

: Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

## **Levee Inspection Report By Mile - Channel 2015**

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/03/2015 08/04/2015	Herman Phillips

### Check Point / View Arboleda Dr / Up (cont)

Rating **	A Issue No. 23			A Issue No. 23 GPS		GPS Lat/Long	
Issue Type +	Ma Location *		Ma Location *		37.310805	0	
Category	Rivers, Ch	Rivers, Channels & Designated Flood					
Item	Erosion / E	Bank Caving					
DWR ID	DWR_NA00	DWR_NA0013_32_c _ 2012_23					
Action/Comments							

No Photos

Inspector Comments: There was no erosion noted during this inspection.

Rating **	N Issue No. 24			GPS Lat/Long	
Issue Type +	Ma Location *			37.310805 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Revetmen	ts			
DWR ID	DWR_NA00	13_32_c _ 2			
Action/Comments					

No Photos

Inspector Comments: No rip rap at this location that I could see during this inspection.

Rating **	A Issue No. 25			GPS Lat/Long	
Issue Type +	Ma Location *			37.310805	>
Category	Rivers, Ch	annels & D	esignated Flood	-120.378733	>
Item	Encroachn	nents			
DWR ID	DWR_NA00	DWR_NA0013_32_c _ 2012_25			
Action/Comments					

No Photos

Inspector Comments: There was no encroachments noted during this inspection.

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

## **Levee Inspection Report By Mile - Channel 2015**

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/03/2015 08/04/2015	Herman Phillips

### Check Point / View Arboleda Dr / Down Rating \*\* Issue No. 26 GPS Lat/Long Issue Type + Location \* Ma 37.310805° Category Rivers, Channels & Designated Flood -120.378733 ° Vegetation & Obstructions Item DWR ID DWR\_NA0013\_32\_c \_ 2012\_26 Action/Comments

Inspector Comments: Unsatisfactory wild growth taken over the channel.

# Photo 1 of 1: CH\_2015\_NA0013\_32\_26\_20150827\_00024.jpg



Arboleda Drive bridge crossing the Bear Creek looking downstream. The lat/Long is 37.310639,-120.378831

Rating **	U	Issue No.	27	GPS Lat/Long	
Issue Type +	Ma	Location *		37.310805 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Shoaling / Sedimentation				
DWR ID	DWR_NA0013_32_c _ 2012_27				
Action/Comments					

Inspector Comments: Unsatisfactory wild growth blocks view of channel unable to see the channel for shoaling or sedimentation. No Photos

Rating **	U	Issue No.	28	GPS Lat/Long	
Issue Type +	Ма	Location *		37.310805	٥
Category	Rivers, Channels & Designated Flood			-120.378733	٥
Item	Erosion / Bank Caving				
DWR ID DWR_NA0013_32_c _ 2012_28					
Action/Comments					

Inspector Comments: Wild vegetation growth blocks view of banks, unable to see if erosion exists. Refer to photo on issue # 26. No Photos

\* Location LS : Land Side CR : Crown

: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Channel 2015

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/03/2015 08/04/2015	Herman Phillips

# Check Point / View Arboleda Dr / Down (cont)

	•	•			
Rating **	U	Issue No.	29	GPS Lat/Long	
Issue Type +	Ma	Location *		37.310805	0
Category	Rivers, Channels & Designated Flood			-120.378733	0
Item	Revetment	ts			
DWR ID	DWR_NA00	13_32_c _ 2	012_29		

### Action/Comments

Inspector Comments: Dense brush, trees, or grasses hide the rock protection. Unable to determin if it exists. Refer to photo on issue # 26.

No Photos

Rating **	М	Issue No.	30	GPS Lat/Long
Issue Type +	Ма	Location *		37.310805 °
Category	Rivers, Channels & Designated Flood			-120.378733 °
Item	Encroachments			
DWR ID	DWR_NA0013_32_c _ 2012_30			

### Action/Comments

Inspector Comments: Dense wild growth blocks view, couldn't determine if there were any encroachments.

No Photos

### Check Point / View Kibby Rd / Up Rating \*\* Issue No. M 31 GPS Lat/Long Issue Type + Ма Location \* 37.311970 Rivers, Channels & Designated Flood Category -120.415350 ° Item Vegetation & Obstructions DWR ID DWR\_NA0013\_32\_c \_ 2012\_31 Action/Comments

Inspector Comments: Vegetation present on both banks and in channel.

### Photo 1 of 1: CH\_2015\_NA0013\_32\_31\_20150827\_00025.jpg



Kibby Road bridge crossing the Bear Creek.

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated

A/W: Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

## **Levee Inspection Report By Mile - Channel 2015**

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/03/2015 08/04/2015	Herman Phillips

### Check Point / View Kibby Rd / Up (cont)

Rating **	M	Issue No.	32	GPS Lat/Long	
Issue Type +	Ма	Location *		37.311970°	
Category	Rivers, Ch	-120.415350 °			
Item	Shoaling / Sedimentation				
DWR ID	DWR_NA00	13_32_c _ 2	012_32		

Action/Comments

Inspector Comments: There is sedimentation in channel with grasses growing over it. Refer to poto on issue # 31.

Rating **	А	Issue No.	33	GPS Lat/Long	
Issue Type +	Ma	Location *		37.311970	0
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Erosion / Bank Caving				
DWR ID	DWR ID DWR_NA0013_32_c _ 2012_33				
Action/Comments					

Inspector Comments: No head cutting or horizontal deviation observed.

No Photos

No Photos

Rating \*\* Issue No. Ν 34 GPS Lat/Long Issue Type + Ма 37.311970 ° Category Rivers, Channels & Designated Flood -120.415350° Item Revetments DWR\_NA0013\_32\_c \_ 2012\_34 DWR ID

Action/Comments

Inspector Comments: There was no Revetments at this location.

No Photos

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

## Levee Inspection Report By Mile - Channel 2015

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/03/2015 08/04/2015	Herman Phillips

# Check Point / View Kibby Rd / Up (cont)

Rating **	Α	Issue No. 35		GPS Lat/Long		
Issue Type +	Ma	Location *		37.311970	٥	
Category	Rivers, Channels & Designated Flood			-120.415350	۰	
Item	Encroachn	Encroachments				
DWR ID DWR_NA0013_32_c _ 2012_35						
Action/Comments						

Inspector Comments: No enchroachment present at this location.

No Photos

## Kibby Rd / Down

Rating **	M	Issue No.	36	GPS Lat/Long		
Issue Type +	Ma	Location *		37.311970 °		
Category	Rivers, Ch	annels & D	-120.415350 °			
Item	Vegetation & Obstructions					
DWR ID	DWR_NA0013_32_c _ 2012_36					

Check Point / View

### Action/Comments

Inspector Comments: The arundo that was reported in 2014 channel inspection has been sprayed. The dead vegetation has not been removed from the channel.

### Photo 1 of 1: CH\_2015\_NA0013\_32\_36\_20150828\_00026.jpg



kibby Road crossing looking downstream.

Rating **	U	Issue No.	37	GPS Lat/Long	
Issue Type +	Ma	Location *		37.311970	٥
Category	Rivers, Channels & Designated Flood			-120.415350	٥
Item	Shoaling /	Shoaling / Sedimentation			
DWR ID	DWR_NA00				
Action/Comments					

Inspector Comments: There is sedimentation build up in channel that has weeds and unwanted brush growing on it . Refer to photo in issue # 36.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

## **Levee Inspection Report By Mile - Channel 2015**

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/03/2015 08/04/2015	Herman Phillips

## Check Point / View

## Kibby Rd / Down (cont)

Rating **	Α	Issue No.	38	GPS Lat/Long	
Issue Type +	Ob	Location *		37.311970°	
Category	Rivers, Channels & Designated Flood			-120.415350 °	
Item	Erosion / Bank Caving				
DWR ID	DWR_NA0013_32_c _ 2012_38				

### Action/Comments

Inspector Comments: MID repaired the erosion site listed in 2014 channel Report. The repairs were done prior to 2015 inspection.

### Photo 1 of 1: CH\_2015\_NA0013\_32\_38\_20150828\_00027.jpg



Bear Creek downstream of Kibby Rd crossing. From 37.312004,-120.415182 to 37.312420,-120.415942 erosion site.

Α	Issue No.	39	GPS Lat/Long		
En	37.311970 °				
Rivers, Ch	Rivers, Channels & Designated Flood -120.415350				
Revetment	Revetments				
DWR_NA00	)WR_NA0013_32_c _ 2012_39				
	En Rivers, Ch Revetment	En Location * Rivers, Channels & D Revetments	En Location *  Rivers, Channels & Designated Flood		

### Action/Comments

Inspector Comments: The revetment is visible on the left bank downstream of bridge crossing.

No Photos

Rating **	Α	Issue No.	40	GPS Lat/Long		
Issue Type +	Ма	Location *		37.311970	0	
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Encroachn	Encroachments				
DWR ID	DWR ID DWR_NA0013_32_c _ 2012_40					
Action/Comments						

Inspector Comments: No encroachments at this location.

No Photos

\* Location LS : Land Side CR : Crown

: Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

## Levee Inspection Report By Mile - Channel 2015

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/03/2015 08/04/2015	Herman Phillips

### Check Point / View McKee Rd / Up Rating \*\* Issue No. GPS Lat/Long Issue Type + Location \* Ma 37.309600° Category Rivers, Channels & Designated Flood -120.444500 ° Item Vegetation & Obstructions DWR ID DWR\_NA0013\_32\_c \_ 2012\_41 Action/Comments

Inspector Comments: The channel is clear of vegetation at this location.

Photo 1 of 1 : CH_2015_NA0013_32_41_20	0150828_00028.jpg
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Bear Creek Upsream of Mc Kee Road crossing.

Rating **	Α	Issue No.	42	GPS Lat/Long		
Issue Type +	Ma	Ma Location *				
Category	Rivers, Ch	annels & D	esignated Flood	-120.444500 °		
Item	Shoaling /	Shoaling / Sedimentation				
DWR ID	/R ID					
Action/Comments						

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	U Issue No. 43			GPS Lat/Long		
Issue Type +	En	En Location *				
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Erosion / E	Erosion / Bank Caving				
DWR ID	DWR_NA0013_32_c _ 2012_43					
Action/Comments						

Inspector Comments: Apparent head cutting and horizontal deviation of more than 1 foot from designed grade or cross section. Corrective actions required to stop or slow erosion. 37.309674,-120.443784



Bear Creek looking upstream from McKee Road crossing.

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W: Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## **Levee Inspection Report By Mile - Channel 2015**

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/03/2015 08/04/2015	Herman Phillips

### Check Point / View McKee Rd / Up (cont)

Rating **	N Issue No. 44			GPS Lat/Long		
Issue Type +	Ma Location *			37.309600	٥	
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Revetment	Revetments				
DWR ID DWR_NA0013_32_c _ 2012_44						
Action/Comments						

No Photos

Inspector Comments: There is no revetment at this location.

Rating **	А	Issue No.	45	GPS Lat/Long		
Issue Type +	Ma	Location *		37.309600 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Encroachn	Encroachments				
DWR ID	DWR ID DWR_NA0013_32_c _ 2012_45					
Action/Comments						

No Photos

Inspector Comments: No enchroachments at this location.

## Check Point / View

Mc	Kee Rd / D	own				
	Rating **	А	Issue No.	46	GPS Lat/Long	
	Issue Type +	Ма	Location *		37.309600	0
	Category	Rivers, Ch	annels & D	esignated Flood	-120.444500	0
	Item	Vegetation	& Obstruc	tions		
	DWR ID	DWR_NA00	13_32_c _ 2	012_46		
			Action/Cor	mments		

Inspector Comments: The vegetation here is along the left bank and there is none in the channel.

### Photo 1 of 1: CH\_2015\_NA0013\_32\_46\_20150828\_00031.jpg



Bear Creek downstream from McKee Rd crossing.

Location LS : Land Side WS: Water Side CR : Crown

: Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

## **Levee Inspection Report By Mile - Channel 2015**

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/03/2015 08/04/2015	Herman Phillips

### Check Point / View McKee Rd / Down (cont)

Rating **	Α	Issue No.	47	GPS Lat/Long		
Issue Type +	Ма	Location *		37.309600°		
Category	Rivers, Ch	esignated Flood	-120.444500 °			
Item	Shoaling /	Shoaling / Sedimentation				
DWR ID	DWR_NA0013_32_c _ 2012_47					

Action/Comments

Inspector Comments: No shoaling or sedimentation present.

Rating \*\* Issue No. Α 48 GPS Lat/Long Issue Type + Ма Location \* 37.309600° Category Rivers, Channels & Designated Flood -120.444500 ° Item Erosion / Bank Caving DWR NA0013 32 c 2012 48 DWR ID Action/Comments

Inspector Comments: No erosion present at this site downstream from the bridge crossing.

Rating \*\* Issue No. Ν 49 GPS Lat/Long Issue Type + Ма 37.309600 ° Category Rivers, Channels & Designated Flood -120.444500° Item Revetments DWR ID DWR\_NA0013\_32\_c \_ 2012\_49 Action/Comments

Inspector Comments: There is no revetment at this location.

No Photos

No Photos

No Photos

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

## **Levee Inspection Report By Mile - Channel 2015**

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/03/2015 08/04/2015	Herman Phillips

### Check Point / View McKee Rd / Down (cont)

Rating **	Α	Issue No. 50		GPS Lat/Long	
Issue Type +	Ma	Location *		37.309600°	
Category	Rivers, Channels & Designated Flood			-120.444500 °	
Item	Encroachn	Encroachments			
DWR ID	DWR_NA0013_32_c _ 2012_50				

Action/Comments Inspector Comments: No encroachments at this location. No Photos

### Check Point / View R St / Up

Rating **	Α	Issue No.	51	GPS Lat/Long			
Issue Type +	Ма	Location *		37.313400	0		
Category	Rivers, Ch	annels & D	-120.487500	۰			
Item	Vegetation & Obstructions						
DWR ID	DWR_NA0013_32_c _ 2012_51						
A = 1' = = 10 = = = = = 1 =							

### Action/Comments

Inspector Comments: The channel is clear of vegetation and there are no obstructions.

## Photo 1 of 1: CH\_2015\_NA0013\_32\_51\_20150828\_00032.jpg



Bear Creek looking upstream from R Street crossing.

Rating **	Α	Issue No.	52	GPS Lat/Long	
Issue Type +	Ма	Location *		37.313400	0
Category	Rivers, Ch	esignated Flood	-120.487500	0	
Item	Shoaling / Sedimentation				
DWR ID	DWR ID DWR_NA0013_32_c _ 2012_52				
Action/Comments					

Inspector Comments: No shoaling or sedimentation present.

No Photos

\* Location LS : Land Side WS: Water Side CR : Crown

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

## **Levee Inspection Report By Mile - Channel 2015**

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/03/2015 08/04/2015	Herman Phillips

### Check Point / View R St / Up (cont) Rating ' Α Issue No. 53 GPS Lat/Long Issue Type + Location \* Ma 37.313400° Category Rivers, Channels & Designated Flood -120.487500° Item Erosion / Bank Caving DWR ID DWR\_NA0013\_32\_c \_ 2012\_53 Action/Comments Inspector Comments: No erosion at this location.

Rating **	N	Issue No. 54		GPS Lat/Long		
Issue Type +	Ma	Location *		37.313400		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Revetmen	Revetments				
DWR ID	DWR_NA0013_32_c _ 2012_54					
Action/Comments						

Inspector Comments: There is no revetment at this location and is not needed.

Rating **	Α	Issue No.	55	GPS Lat/Long	
Issue Type +	Ма	Location *		37.313400	0
Category	Rivers, Ch	annels & D	esignated Flood	-120.487500	0
Item	Encroachn	nents			
DWR ID	DWR_NA00	13_32_c _ 2	012_55		
		Action/Cor	mments		
Inspector Co	mments: No	o encroach	ments.		

No Photos

No Photos

No Photos

\* Location LS : Land Side CR : Crown

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

## Levee Inspection Report By Mile - Channel 2015

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/03/2015 08/04/2015	Herman Phillips

### Check Point / View R St / Down Rating \*\* Α Issue No. 56 GPS Lat/Long Issue Type + Location \* Ma 37.313400° Category Rivers, Channels & Designated Flood -120.487500° Item Vegetation & Obstructions DWR ID DWR\_NA0013\_32\_c \_ 2012\_56 Action/Comments Inspector Comments: No vegetation in the channel.

Photo 1 of 1 : CH\_2015\_NA0013\_32\_56\_20150828\_00033.jpg



Bear Creek looking downstream from R Street bridge crossing.

Rating **	Α	Issue No.	57	GPS Lat/Long	
Issue Type +	Ma	Location *		37.313400 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Shoaling /	Shoaling / Sedimentation			
DWR ID	DWR_NA0013_32_c _ 2012_57				
Action/Comments					

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	Α	Issue No. 58		GPS Lat/Long
Issue Type +	Ма	Location *		37.313400 °
Category	Rivers, Channels & Designated Flood			-120.487500 °
Item	Erosion / Bank Caving			
DWR ID	DWR_NA0013_32_c _ 2012_58			
Action/Comments				

Inspector Comments: No erosion observed during this inspection.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

## **Levee Inspection Report By Mile - Channel 2015**

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/03/2015 08/04/2015	Herman Phillips

## R St / Down (cont)

Rating **	N	Issue No. 59		GPS Lat/Long	
Issue Type +	Ма	Location *		37.313400	0
Category	Rivers, Channels & Designated Flood			-120.487500	0
Item	Revetments				
DWR ID	DWR_NA00	13_32_c _ 2	012_59		

No Photos

Action/Comments

Check Point / View

Inspector Comments: No revetment at this location.

Rating **	A Issue No. 60		GPS Lat/Long			
Issue Type +	Ma	Location *		37.313400 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Encroachn	Encroachments				
DWR ID DWR_NA0013_32_c _ 2012_60						
Action/Comments						

No Photos

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

l	nklin Rd / ا	Up				
	Rating **	Α	Issue No.	61	GPS Lat/Long	
	Issue Type +	Ма	Location *		37.311400	٥
	Category	Rivers, Ch	-120.541000	٥		
	Item	Vegetation & Obstructions				
	DWR ID	DWR_NA0013_32_c _ 2012_61				

Check Point / View

### Action/Comments

Inspector Comments: There was no vegetation in channel only on the banks. The flow is not impeded.

### Photo 1 of 1: CH\_2015\_NA0013\_32\_61\_20150828\_00034.jpg



Bear Creek Looking upstream from Franklin Road crossing.

Location LS : Land Side WS: Water Side CR : Crown

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

NA0013

### Flood Control Project Maintenance Levee Inspections

## **Levee Inspection Report By Mile - Channel 2015**

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/03/2015 08/04/2015	Herman Phillips

# Check Point / View Franklin Rd / Up (cont) Rating \*\* A Issue No. 62 GPS Lat/Long

 Issue Type +
 Ma
 Location \*
 37.311400 °

 Category
 Rivers, Channels & Designated Flood
 -120.541000 °

 Item
 Shoaling / Sedimentation

 DWR ID
 DWR\_NA0013\_32\_c \_ 2012\_62

Action/Comments

Inspector Comments: No shoaling or sedimentation present.

Rating \*\* Issue No. Α 63 GPS Lat/Long Issue Type + Ма Location \* 37.311400° Category Rivers, Channels & Designated Flood -120.541000 ° Item Erosion / Bank Caving DWR NA0013 32 c 2012 63 DWR ID Action/Comments

Inspector Comments: No erosion observed during this inspection.

No Photos

No Photos

Rating \*\* Issue No. Ν 64 GPS Lat/Long Issue Type + Ma 37.311400 ° Category Rivers, Channels & Designated Flood -120.541000 ° Item Revetments DWR\_NA0013\_32\_c \_ 2012\_64 DWR ID Action/Comments

Inspector Comments: There are no revetments at this location.

No Photos

\* Location LS : Land Side WS : Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## **Levee Inspection Report By Mile - Channel 2015**

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/03/2015 08/04/2015	Herman Phillips

### Check Point / View Franklin Rd / Up (cont)

Rating **	А	Issue No. 65		GPS Lat/Long	
Issue Type +	Ма	Location *		37.311400 °	
Category	Rivers, Channels & Designated Flood			-120.541000 °	
Item	Encroachments				
DWR ID	DWR_NA00	13_32_c _ 2	012_65		

### Action/Comments

Inspector Comments: There are no encroachments at this location during this inspection.

## Check Point / View

### Franklin Rd / Down

Rating **	Α	Issue No.	66	GPS Lat/Long	
Issue Type +	Ma	Location *		37.311400 °	
Category	Rivers, Channels & Designated Flood			-120.541000 °	
Item	Vegetation & Obstructions				
DWR ID	DWR_NA0013_32_c _ 2012_66				

### Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

### Photo 1 of 1: CH\_2015\_NA0013\_32\_66\_20150828\_00035.jpg

No Photos



Bear Creek looking downstream from Franklin Road crossing.

Rating **	Α	Issue No.	67	GPS Lat/Long	
Issue Type +	Ма	Location *		37.311400	
Category	Rivers, Channels & Designated Flood			-120.541000	
Item	Shoaling / Sedimentation				
DWR ID	DWR ID DWR_NA0013_32_c _ 2012_67				
Action/Comments					

Inspector Comments: No shoaling or sedimentation at this location.

No Photos

LS : Land Side WS: Water Side CR : Crown

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected : Corrected

+ Issue Type

## **Levee Inspection Report By Mile - Channel 2015**

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/03/2015 08/04/2015	Herman Phillips

## Check Point / View Franklin Rd / Down (cont)

ixaling	A	13306 140.	00	GPS Lat/Long	
Issue Type +	Ob	Location *		37.311400 °	
Category	Rivers, Channels & Designated Flood			-120.541000 °	
Item	Erosion / Bank Caving				
DWR ID	DWR_NA0013_32_c _ 2012_68				

Action/Comments

Inspector Comments: No erosion at this location.

Rating **	N	Issue No.	69	GPS Lat/Long
Issue Type +	Ma	Location *		37.311400 °
Category	Rivers, Ch	Rivers, Channels & Designated Flood		
Item	Revetmen	ts		
DWR ID	DWR_NA00	13_32_c _ 2	012_69	
Action/Comments				

Inspector Comments: There is no revetment at this location.

No Photos

No Photos

Rating \*\* Issue No. Α 70 GPS Lat/Long Issue Type + Ма 37.311400 ° Category Rivers, Channels & Designated Flood -120.541000 ° Item Encroachments DWR ID DWR\_NA0013\_32\_c \_ 2012\_70 Action/Comments

Inspector Comments: No encroachments.

No Photos

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

## Levee Inspection Report By Mile - Channel 2015

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/03/2015 08/04/2015	Herman Phillips

### Check Point / View Hwy 140 / Up Rating \*\* Α Issue No. GPS Lat/Long Issue Type + Location \* Ma 37.302500° Category Rivers, Channels & Designated Flood -120.551500° Item Vegetation & Obstructions DWR ID DWR\_NA0013\_32\_c \_ 2012\_71 Action/Comments Inspector Comments: No vegetation in channel during this inspection.

Photo 1 of 1: CH\_2015\_NA0013\_32\_71\_20150828\_00036.jpg



Bear Creek looking upstream from Hwy 140 bridge crossing.

Rating **	Α	Issue No. 72		GPS Lat/Long
Issue Type +	Ма	Location *		37.302500 °
Category	Rivers, Ch	Rivers, Channels & Designated Flood		
Item	Item Shoaling / Sedimentation			
DWR ID	DWR_NA00	13_32_c _ 2	012_72	
Action/Comments				

Inspector Comments: No shoaling or sedementation present.

No Photos

Rating **	Α	Issue No.	GPS Lat/Long	
Issue Type +	Ma	Location *		37.302500 °
Category	Rivers, Channels & Designated Flood			-120.551500 °
Item	Erosion / Bank Caving			
DWR ID	DWR_NA0013_32_c _ 2012_73			
Action/Comments				

Inspector Comments: No erosion observed during this inspection.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Channel 2015

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/03/2015 08/04/2015	Herman Phillips

## Hwy 140 / Up (cont)

not needed.

Rating **	N	Issue No.	74	GPS Lat/Long
Issue Type +	Ma	Location *		37.302500°
Category	Rivers, Ch	Channels & Designated Flood		-120.551500 °
Item	Revetment	ts		·
DWR ID	DWR_NA00	)13_32_c _ 2	012_74	

Check Point / View

Action/Comments
Inspector Comments: There is no revetment at this location and is

No Photos

Rating \*\* Issue No. Α 75 GPS Lat/Long Issue Type + Ма Location \* 37.302500° Category Rivers, Channels & Designated Flood -120.551500° Item Encroachments DWR NA0013 32 c 2012 75 DWR ID

Action/Comments

Inspector Comments: No encroachment present during this inspection.

No Photos

# Check Point / View Hwy 140 / Down

/	y 140 / Dov	vn				
	Rating **	М	Issue No.	76	GPS Lat/Long	
	Issue Type +	Ма	Location *		37.302500	0
	Category	Rivers, Ch	annels & D	esignated Flood	-120.551500	0
	Item	Vegetation	& Obstruc	tions		
	DWR ID	DWR_NA00	13_32_c _ 2	012_76		
			Action/Cor	mments		

Inspector Comments: Log jams, snags, vegetation growth (such as cat tails, bull rushes, bushes or saplings) or other obstructions block approximately 25% of the FCW.

### Photo 1 of 1: CH\_2015\_NA0013\_32\_76\_20150828\_00038.jpg



Bear Creek looking downstream from Hwy 140 bridge crossing.

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

A/W : Acceptable but Monitor & Maintain En : Enforcement

## **Levee Inspection Report By Mile - Channel 2015**

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/03/2015 08/04/2015	Herman Phillips

### Check Point / View Hwy 140 / Down (cont)

Rating **	М	Issue No.	77	GPS Lat/Long	
Issue Type +	Ma	Location *		37.302500	0
Category	Rivers, Ch	annels & D	-120.551500	0	
Item	Shoaling /	Shoaling / Sedimentation			
DWR ID	DWR_NA00	13_32_c _ 2	012_77		

Action/Comments

Inspector Comments: Non-aquatic grasses present on shoal. No trees or brush is present on shoal, and channel flow is not impeded.

Rating **	А	Issue No.	78	GPS Lat/Long
Issue Type +	Ma	Location *		37.302500 °
Category	Rivers, Ch	annels & D	-120.551500 °	
Item	Erosion / E	Bank Caving	9	
DWR ID	DWR_NA00	13_32_c _ 2	012_78	
		Action/Co	mmonte	

Inspector Comments: No erosion noted.

No Photos

No Photos

Rating **	N	Issue No.	79	GPS Lat/Long		
Issue Type +	Ма	Location *		37.302500	•	
Category	Rivers, Ch	annels & D	esignated Flood	-120.551500	0	
Item	Revetmen	ts				
DWR ID	DWR_NA00	13_32_c _ 2	012_79			
	Action/Comments					

Inspector Comments: There are no revetment at this location.

No Photos

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

## **Levee Inspection Report By Mile - Channel 2015**

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/03/2015 08/04/2015	Herman Phillips

### Check Point / View Hwy 140 / Down (cont)

Rating **	A Issue No. 80		GPS Lat/Long			
Issue Type +	Ма	Location *		37.302500	•	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			0	
Item	Encroachn	Encroachments				
DWR ID	DWR_NA00	DWR_NA0013_32_c _ 2012_80				
Action/Comments						

Inspector Comments: No encroachments.

No Photos

## Buhach Rd / Up

	-					
Rating **	M Issue No. 81			GPS Lat/Long		
Issue Type +	Ма	Location *		37.291200	۰	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			0	
Item	Vegetation	Vegetation & Obstructions				
DWR ID	DWR_NA00					
Action/Comments						

Check Point / View

Inspector Comments: There is vegetation in the channel at this location, flow is not impeded.

### Photo 1 of 1: CH\_2015\_NA0013\_32\_81\_20150828\_00039.jpg



Bear Creek looking upstream from Buhach Road crossing.

Rating **	A Issue No. 82			GPS Lat/Long		
Issue Type +	Ма	Location *		37.291200	0	
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Shoaling /	Shoaling / Sedimentation				
DWR ID	DWR_NA00	DWR_NA0013_32_c _ 2012_82				
Action/Comments						

Inspector Comments: No shoaling.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

## **Levee Inspection Report By Mile - Channel 2015**

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/03/2015 08/04/2015	Herman Phillips

### Check Point / View **Buhach Rd / Up (cont)**

Rating **	A Issue No. 83		GPS Lat/Long			
Issue Type +	Ma	Location *		37.291200 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Erosion / E	Erosion / Bank Caving				
DWR ID	DWR_NA00	DWR_NA0013_32_c _ 2012_83				
Action/Comments						

Action/Comments

Inspector Comments: No erosion noted.

Rating \*\* Issue No. Ν 84 GPS Lat/Long Issue Type + Ма Location \* 37.291200° Category Rivers, Channels & Designated Flood -120.577900° Item Revetments DWR NA0013 32 c 2012 84 DWR ID Action/Comments

Inspector Comments: There is no revetment at this location and is not needed.

No Photos

No Photos

### Check Point / View

### **Buhach Rd / Down** Rating \*\* Issue No. Α 86 GPS Lat/Long Issue Type + Ма Location \* 37.291200 Rivers, Channels & Designated Flood Category -120.577900 ° Item Vegetation & Obstructions DWR ID DWR\_NA0013\_32\_c \_ 2012\_86

### Action/Comments

Inspector Comments: Channel does have some vegetation present but the flow will not be impeded.

### Photo 1 of 1: CH\_2015\_NA0013\_32\_86\_20150828\_00040.jpg



Bear Creek looking downstream from Buhach Road crossing.

Location LS : Land Side WS: Water Side CR : Crown

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated

A/W: Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## **Levee Inspection Report By Mile - Channel 2015**

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/03/2015 08/04/2015	Herman Phillips

## Check Point / View **Buhach Rd / Down (cont)**

Rating **	A Issue No. 87		GPS Lat/Long		
Issue Type +	Ma	Location *		37.291200 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Shoaling /	Shoaling / Sedimentation			
DWR ID	DWR_NA00	13_32_c _ 2	012_87		

Action/Comments

Inspector Comments: No shoaling at this location.

Rating **	А	A Issue No. 88		GPS Lat/Long		
Issue Type +	Ма	Location *		37.291200	٥	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			٥	
Item	Erosion / E	Erosion / Bank Caving				
DWR ID	DWR_NA00	13_32_c _ 2	012_88			
Action/Comments						

Inspector Comments: No erosion present at this location.

No Photos

No Photos

Rating **	N Issue No. 89			GPS Lat/Long		
Issue Type +	Ма	Location *		37.291200	•	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			0	
Item	Revetment	Revetments				
DWR ID	DWR_NA00	DWR_NA0013_32_c _ 2012_89				
Action/Comments						

Inspector Comments: There is no revetment at this location and is not needed.

No Photos

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

## **Levee Inspection Report By Mile - Channel 2015**

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/03/2015 08/04/2015	Herman Phillips

### Check Point / View **Buhach Rd / Down (cont)**

Rating **	A Issue No. 90			GPS Lat/Long	
Issue Type +	Ма	Location *		37.291200	۰
Category	Rivers, Ch	Rivers, Channels & Designated Flood			0
Item	Encroachn	Encroachments			
DWR ID	DWR_NA00	DWR_NA0013_32_c _ 2012_90			
Action/Comments					

Inspector Comments: No enchroachments at this location.

No Photos

### Bert Crane Rd / Up

orane na / op						
Rating **	A Issue No. 101		GPS Lat/Long			
Issue Type +	Ма	Location *		37.256440	۰	
Category	Rivers, Channels & Designated Flood			-120.651870	۰	
Item	Vegetation	/egetation & Obstructions				
DWR ID	DWR_NA00	DWR_NA0013_32_c _ 2012_101				
Action/Comments						

Check Point / View

Inspector Comments: Very little vegetation in channel at this location. Flow is not impeded.

### Photo 1 of 1: CH\_2015\_NA0013\_32\_101\_20150828\_00041.jpg



Bear Creek looking upstream from Bert Crane Road crossing. 37.25644,-120.65187

Rating **	Α	Issue No.	102	GPS Lat/Long		
Issue Type +	Ма	Location *		37.256440	٥	
Category	Rivers, Ch	annels & D	esignated Flood	-120.651870	0	
Item	Shoaling / Sedimentation					
DWR ID	DWR_NA0013_32_c _ 2012_102					
Action/Comments						

Inspector Comments: No shoaling or sedimentation present.

No Photos

\* Location LS : Land Side WS: Water Side CR : Crown

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

## Levee Inspection Report By Mile - Channel 2015

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/03/2015 08/04/2015	Herman Phillips

## Check Point / View

Rating **	Α	Issue No.	103	GPS Lat/Long				
Issue Type +	Ма	Location *		37.256440	0			
Category	Rivers, Ch	annels & D	esignated Flood	-120.651870	0			
Item	Erosion / E	Erosion / Bank Caving						
DWR ID	DWR_NA00	DWR_NA0013_32_c _ 2012_103						
	Action/Comments							

Inspector Comments: No erosion observed at this location.

No Photos

Rating **	N	Issue No.	104	GPS Lat/Long			
Issue Type +	Ma	Location *		37.256440	0		
Category	Rivers, Ch	annels & D	esignated Flood	-120.651870	0		
Item	Revetmen	Revetments					
DWR ID	DWR_NA0013_32_c _ 2012_104						
Action/Comments							

Inspector Comments: No revetment at this location.

No Photos

Rating **	А	Issue No.	105	GPS Lat/Long			
Issue Type +	Ма	Location *		37.256440	0		
Category	Rivers, Ch	-120.651870	0				
Item	Encroachments						
DWR ID	DWR_NA0013_32_c _ 2012_105						
Action/Comments							

No Photos

Inspector Comments: No encroachments at this location.

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

## Levee Inspection Report By Mile - Channel 2015

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/03/2015 08/04/2015	Herman Phillips

### Check Point / View **Bert Crane Rd / Down** Rating \* Issue No. 106 GPS Lat/Long Issue Type + Location \* Ма 37.256440° Category Rivers, Channels & Designated Flood -120.651870° Item Vegetation & Obstructions DWR ID DWR\_NA0013\_32\_c \_ 2012\_106

### Action/Comments

Inspector Comments: There is no vegetation in channel that impedes the flow in channel.

### Photo 1 of 1: CH\_2015\_NA0013\_32\_106\_20150828\_00042.jpg



Bear Creek looking downstream from Bert Crane Road crossing. 37.25644,-120.65187

Rating **	Α	Issue No.	107	GPS Lat/Long		
Issue Type +	Ma	Location *		37.256440		
Category	Rivers, Ch	Rivers, Channels & Designated Flood -120.651870				
Item	Shoaling /	Shoaling / Sedimentation				
DWR ID	DWR_NA00	13_32_c _ 2	012_107			

Action/Comments

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	A	Issue No.	108	GPS Lat/Long					
Issue Type +	Ма	Location *		37.256440	٥				
Category	Rivers, Ch	annels & D	esignated Flood	-120.651870	٥				
Item	Erosion / Bank Caving								
DWR ID	DWR_NA0013_32_c _ 2012_108								
	A :: 10								

### Action/Comments

Inspector Comments: No erosion encroaching into the channel bank that would endanger the capacity of the channel was observed.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

NA0013

### Flood Control Project Maintenance Levee Inspections

## Levee Inspection Report By Mile - Channel 2015

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Bear Creek	21.00	08/03/2015 08/04/2015	Herman Phillips

	Bear Creek			21.00	08/03/2015 08/04/2015	Herma Phillips		
		Check Point /	View					
t Crane Ro	d / Down	(cont)						
Rating **	N	Issue No.	109	GPS Lat/Long				
Issue Type +	Ma	Location *		37.256440 °		No Photos		
Category	Rivers, Ch	nannels & D	esignated Flood	-120.651870 °				
Item	Revetmen	nts		,				
DWR ID	DWR_NA0	013_32_c _ 2	012_109					
		Action/Cor	mments					
Rating **	A	Issue No.	110	GPS Lat/Long				
Rating ** Issue Type +	A Ma	Issue No. Location *	110	GPS Lat/Long 37.256440 °		No Photos		
	Ма	Location *	110 esignated Flood			No Photos		
Issue Type +	Ма	Location *		37.256440 °		No Photos		
Issue Type + Category	Ma Rivers, Ch Encroachi	Location * nannels & D ments  013_32_c _ 2	esignated Flood	37.256440 °		No Photos		
Issue Type + Category Item DWR ID	Ma Rivers, Ch Encroachi DWR_NA0	Location * nannels & D ments 013_32_c _ 2 Action/Cor	esignated Flood	37.256440 ° -120.651870 °		No Photos		

\* Location LS : Land Side WS : Water Side CR : Crown

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Flood Control Project Maintenance

## **Unit Cover Sheet**

## 2015 Channel Inspection Results

# **Merced Streams Group**

Channel	
Black Rascal Creek	

Channel Rating	M
Date of Inspection	08/05/2015
DWR Inspector	Herman Phillips
Accompanied By	

## **Levee Inspection Report By Mile - Channel 2015**

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/05/2015 08/05/2015	Herman Phillips

## Santa Fe Dr / Up

	~ P					
Rating **	U	Issue No.	1	GPS Lat/Long		
Issue Type +	Ма	Location *		37.320720	۰	
Category	Rivers, Ch	-120.508760	۰			
Item	Vegetation & Obstructions					
DWR ID	DWR_NA0013_33_c _ 2012_1					

Check Point / View

### Action/Comments

Inspector Comments: Vegetation growth (such as cat tails, bull rushes, bushes or saplings) or other obstructions block approximate 50% of the capacity.

### Photo 1 of 1: CH\_2015\_NA0013\_33\_1\_20150820\_00021.jpg



Santa Fe Drive crossing the Black Rascal Creek looking upstream of channel.

Rating **	U	Issue No.	2	GPS Lat/Long	
Issue Type +	Ма	Location *		37.320720°	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Shoaling / Sedimentation				
DWR ID	DWR_NA0013_33_c _ 2012_2				

### Action/Comments

Inspector Comments: Unable to verify, view is blocked by vegetation.

No Photos

Rating **	М	Issue No.	3	GPS Lat/Long	
Issue Type +	Ma	Location *		37.320720	0
Category	Rivers, Channels & Designated Flood			-120.508760	0
Item	Erosion / Bank Caving				
DWR ID	DWR_NA0013_33_c _ 2013_3				

### Action/Comments

Inspector Comments: Unable to see banks for erosion due to the presence of heavy growth.

No Photos

\* Location LS : Land Side WS: Water Side CR : Crown

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

## **Levee Inspection Report By Mile - Channel 2015**

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/05/2015 08/05/2015	Herman Phillips

### Check Point / View Santa Fe Dr / Up (cont)

Rating **	N	Issue No.	4	GPS Lat/Long			
Issue Type +	Ма	Location *		37.320720 °			
Category	Rivers, Ch	Rivers, Channels & Designated Flood					
Item	Revetment	Revetments					
DWR ID DWR_NA0013_33_c _ 2012_4							
Action/Comments							

No Photos

Inspector Comments: Unable to see revetment at this location.

Rating **	М	Issue No.	5	GPS Lat/Long		
Issue Type +	Ma	Location *		37.320720 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Encroachn	Encroachments				
DWR ID	DWR_NA0013_33_c _ 2012_5					

Action/Comments

Inspector Comments: There is trash in channel under bridge, also a community of homeless living under this bridge.

No Photos

## Check Point / View

# Santa Fe Dr / Down Issue No.

Rating **	М	Issue No.	6	GPS Lat/Long	
Issue Type +	Ma	Location *		37.320720	0
Category	Rivers, Channels & Designated Flood			-120.508760	0
Item	Vegetation				
DWR ID	DWR_NA00				

### Action/Comments

Inspector Comments: Vegetation present in channel downstream from bridge crossing.

### Photo 1 of 1: CH\_2015\_NA0013\_33\_6\_20150820\_00022.jpg



Santa Fe Drive crossing Black Rascal Creek looking downstream from bridge.

\* Location LS : Land Side WS: Water Side CR : Crown

: Acceptable : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

A/W: Acceptable but Monitor & Maintain En : Enforcement

## **Levee Inspection Report By Mile - Channel 2015**

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/05/2015 08/05/2015	Herman Phillips

## Check Point / View

### Santa Fe Dr / Down (cont)

п						
	Rating **	M	Issue No.	7	GPS Lat/Long	
	Issue Type +	Ma	Location *		37.320720	0
	Category	Rivers, Channels & Designated Flood			-120.508760	0
	Item	Shoaling / Sedimentation				
	DWR ID	DWR_NA00				

No Photos

Action/Comments

Inspector Comments: Non-aquatic grasses present on shoal. No trees or brush is present on shoal, and channel flow is not impeded.

Rating **	Α	Issue No.	8	GPS Lat/Long		
Issue Type +	Ma	Location *		37.320720 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Erosion / E	Erosion / Bank Caving				
DWR ID	DWR_NA0013_33_c _ 2012_8					
Action/Comments						

No Photos

Inspector Comments: No erosion present during this inspection.

Rating **	N	Issue No.	9	GPS Lat/Long
Issue Type +	Ма	Location *		37.320720 °
Category	Rivers, Channels & Designated Flood			-120.508760 °
Item	Revetments			
DWR ID	DWR_NA0013_33_c _ 2012_9			
Action/Comments				

No Photos

Inspector Comments: There is no revetement at this location and is not needed.

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

### **Levee Inspection Report By Mile - Channel 2015**

### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/05/2015 08/05/2015	Herman Phillips

#### Check Point / View Santa Fe Dr / Down (cont)

Rating **	Α	Issue No. 10		GPS Lat/Long	
Issue Type +	Ма	Location *		37.320720 °	
Category	Rivers, Ch	-120.508760 °			
Item	Encroachments				
DWR ID	DWR_NA0013_33_c _ 2012_10				

Action/Comments

Inspector Comments: No encroachments in the channel downstream from bridge.

# No Photos

### **Crocker Dam / Up**

Rating **	Α	Issue No.	11	GPS Lat/Long	
Issue Type +	Ма	Location *		37.312200	0
Category	Rivers, Ch	annels & D	esignated Flood	-120.533000	0
Item	Vegetation & Obstructions				
DWR ID	DWR_NA0013_33_c _ 2012_11				
A -ti /C					

Check Point / View

#### Action/Comments

Inspector Comments: No vegetation observed in channel at this location.

#### Photo 1 of 1: CH\_2015\_NA0013\_33\_11\_20150820\_00023.jpg



Looking upstream from the Crocker Dam crossing the Black Rascal Creek.

Rating **	А	Issue No.	12	GPS Lat/Long	
Issue Type +	Ma	Location *		37.312200	0
Category	Rivers, Ch	-120.533000	0		
Item	Shoaling / Sedimentation				
DWR ID	DWR_NA0013_33_c _ 2012_12				
Action/Comments					

Inspector Comments: No shoaling or sedimentation present.

No Photos

Page 4 of 27

\* Location LS : Land Side WS: Water Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

### **Levee Inspection Report By Mile - Channel 2015**

### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/05/2015 08/05/2015	Herman Phillips

### Check Point / View **Crocker Dam / Up (cont)**

Rating **	Α	Issue No.	13	GPS Lat/Long		
Issue Type +	Ma	Location *		37.312200	0	
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Erosion / E	Erosion / Bank Caving				
DWR ID	DWR ID DWR_NA0013_33_c _ 2012_13					
Action/Comments						

Inspector Comments: No erosion noticed during this inspection.

No Photos

GPS Lat/Long Rating \*\* Issue No. 14 Location \* Issue Type + Ma 37.312200° Category Rivers, Channels & Designated Flood -120.533000 ° Item Revetments DWR ID DWR\_NA0013\_33\_c \_ 2012\_14 Action/Comments

No Photos

Inspector Comments: No revetment at this location.

Rating **	Α	Issue No.	15	GPS Lat/Long	
Issue Type +	Ма	Location *		37.312200 °	
Category	Rivers, Ch	-120.533000 °			
Item	Encroachments				
DWR ID DWR_NA0013_33_c _ 2012_15					
Action/Comments					

No Photos

Inspector Comments: No encroachments observed during this inspection.

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

### Levee Inspection Report By Mile - Channel 2015

### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/05/2015 08/05/2015	Herman Phillips

# Check Point / View Crocker Dam / Down

Rating **	U	Issue No.	16	GPS Lat/Long
Issue Type +	Ma	Location *		37.312200 °
Category	Rivers, Ch	-120.533000 °		
Item	Vegetation & Obstructions			
DWR ID	DWR_NA0013_33_c _ 2012_16			

#### Action/Comments

Inspector Comments: Wild growth present in channel and on both

#### Photo 1 of 1: CH\_2015\_NA0013\_33\_16\_20150820\_00025.jpg



Black Rascal Creek downstream from Crocker Dam.

Rating **	М	Issue No.	17	GPS Lat/Long	
Issue Type +	Ma	Location *		37.312200 °	
Category	Rivers, Ch	annels & D	esignated Flood	-120.533000 °	
Item	Shoaling /	Shoaling / Sedimentation			
DWR ID	DWR ID DWR_NA0013_33_c _ 2012_17				
Action/Comments					

Inspector Comments: Non-aquatic grasses present on shoal. No trees or brush is present on shoal, and channel flow is not impeded.

No Photos

Rating **	М	Issue No.	18	GPS Lat/Long		
Issue Type +	Ma	Location *		37.312200 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Erosion / E	Erosion / Bank Caving				
DWR ID DWR_NA0013_33_c _ 2012_18						
Action/Comments						

Inspector Comments: Erosion present on left bank near the abutment covered by vegetation.



Erosion present under brush at the left bank abutment downstream of structure.

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

### **Levee Inspection Report By Mile - Channel 2015**

### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/05/2015 08/05/2015	Herman Phillips

#### Check Point / View **Crocker Dam / Down (cont)**

Rating **	U	Issue No.	19	GPS Lat/Long	
Issue Type +	Ma	Location *		37.312200 °	
Category	Rivers, Channels & Designated Flood			-120.533000 °	
Item	Revetments				
DWR ID	DWR_NA00	13_33_c _ 2	012_19		

Action/Comments

Inspector Comments: Not able to see revetment due to wild growth present in channel during this inspection.

Rating **	Α	Issue No.	20	GPS Lat/Long	
Issue Type +	Ма	Location *		37.312200	0
Category	Rivers, Channels & Designated Flood			-120.533000	0
Item	Item Encroachments				
DWR ID DWR_NA0013_33_c _ 2012_20					
Action/Commonts					

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the easement.

No Photos

No Photos

### Check Point / View

Fra	nklin Rd/	Up				
	Rating **	М	Issue No.	21	GPS Lat/Long	
	Issue Type +	Ма	Location *		37.314050	0
	Category	Rivers, Ch	annels & D	esignated Flood	-120.541078	0
	Item	Vegetation	& Obstruc	tions		
	DWR ID	DWR_NA00	13_33_c _ 2	012_21		
			Action/Cor	mments		

Inspector Comments: Log jams, snags, vegetation growth (such as cat tails, bull rushes, bushes or saplings) or other obstructions block less than 25% of the capacity.



Black Rascal Creek looking upstream from the Franklin Road crossing.

Location LS : Land Side WS: Water Side CR : Crown

: Acceptable : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated : Corrected

A/W: Acceptable but Monitor & Maintain

+ Issue Type

### **Levee Inspection Report By Mile - Channel 2015**

### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/05/2015 08/05/2015	Herman Phillips

### Check Point / View Franklin Rd / Up (cont)

Rating **	Α	Issue No.	22	GPS Lat/Long		
Issue Type +	Ma	Location *		37.314050 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Item Shoaling / Sedimentation					
DWR ID DWR_NA0013_33_c _ 2012_22						
Action/Comments						

No Photos

Inspector Comments: No shoaling or sedimentation present.

Rating **	Α	Issue No.	23	GPS Lat/Long	
Issue Type +	Ма	Location *		37.314050 °	
Category	Rivers, Ch	-120.541078 °			
Item	Erosion / Bank Caving				
DWR ID	DWR_NA0013_33_c _ 2012_23				
Action/Comments					

No Photos

Inspector Comments: There was no erosion observed during this inspection.

Rating **	N	Issue No.	24	GPS Lat/Long			
Issue Type +	Ma	Location *		37.314050 °			
Category	Rivers, Channels & Designated Flood -120.541078						
Item	Revetments						
DWR ID	R ID DWR_NA0013_33_c _ 2012_24						
Action/Comments							
Inspector Co	Inspector Comments: No revetment at this location.						

No Photos

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

### Levee Inspection Report By Mile - Channel 2015

### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/05/2015 08/05/2015	Herman Phillips

# Check Point / View Franklin Rd / Up (cont)

Rating **	Α	Issue No.	25	GPS Lat/Long	
Issue Type +	Ma	Location *		37.314050	٥
Category	Rivers, Channels & Designated Flood			-120.541078	٥
Item	tem Encroachments				
DWR ID	DWR ID DWR_NA0013_33_c _ 2012_25				
A = 1' = = 10 = = = = = 1 =					

Action/Comments
Inspector Comments: No encroachments present at this location.

No Photos

### Franklin Rd / Down

Rating **	U	Issue No.	26	GPS Lat/Long	
Issue Type +	Ма	Location *		37.314050	0
Category	Rivers, Channels & Designated Flood			-120.541078	0
Item	Item Vegetation & Obstructions				
DWR ID DWR_NA0013_33_c _ 2012_26					
Action/Comments					

Check Point / View

Inspector Comments: Vegetation is present on both banks of the Black Rascal Creek. Bambo growth increased from last inspection.

#### Photo 1 of 1: CH\_2015\_NA0013\_33\_26\_20150820\_00027.jpg



Black Rascal Creek looking downstream from Franklin Road crossing.

Rating **	U	Issue No.	27	GPS Lat/Long	
Issue Type +	Ма	Location *		37.314050 °	
Category	Rivers, Ch	-120.541078 °			
Item	Item Shoaling / Sedimentation				
DWR ID	DWR_NA0013_33_c _ 2012_27				
Action/Comments					

Inspector Comments: Shoaling is well established, stabilized by trees, brush or other vegetation. Shoals are diverting flow to channel

No Photos

LS : Land Side WS : Water Side CR : Crown \*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

### **Levee Inspection Report By Mile - Channel 2015**

### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/05/2015 08/05/2015	Herman Phillips

### Check Point / View Franklin Rd / Down (cont)

Rating **	Α	Issue No. 28		GPS Lat/Long		
Issue Type +	Ma	Location *		37.314050 °		
Category	Rivers, Channels & Designated Flood			-120.541078 °		
Item	Erosion / E	Erosion / Bank Caving				
DWR ID	DWR_NA0013_33_c _ 2012_28					

Action/Comments

Inspector Comments: No erosion encroaching into the channel bank that would endanger the capacity of the channel was observed.

Rating **	N	N Issue No. 29		GPS Lat/Long	
Issue Type +	Ma	Location *		37.314050 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item Revetments					
DWR ID	DWR_NA00	13_33_c _ 2	012_29		
Action/Comments					

Inspector Comments: No revetment at this location.

No Photos

No Photos

Rating **	Α	Issue No.	30	GPS Lat/Long		
Issue Type +	Ма	Location *		37.314050 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item Encroachments						
DWR ID	DWR_NA00					
	Action/Comments					

Inspector Comments: No enchroachments present at this location.

No Photos

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

### **Levee Inspection Report By Mile - Channel 2015**

### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/05/2015 08/05/2015	Herman Phillips

#### Check Point / View Gurr Rd / Up Rating \* Α Issue No. GPS Lat/Long Issue Type + Location \* Ma 37.313110° Category Rivers, Channels & Designated Flood -120.559070 ° Item Vegetation & Obstructions DWR ID DWR\_NA0013\_33\_c \_ 2012\_31 Action/Comments

Inspector Comments: Minimal, scattered obstructions of vegetation. The flow is not impeded.





Black Rascal Creek looking upstream from Gurr Road crossing.

Rating **	A Issue No. 32			GPS Lat/Long	
Issue Type +	Ma	Location *		37.313110 °	
Category	Rivers, Ch	annels & D	esignated Flood	-120.559070 °	
Item	Shoaling / Sedimentation				
DWR ID	VR ID DWR_NA0013_33_c _ 2012_32				
Action/Comments					

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	A Issue No. 33			GPS Lat/Long
Issue Type +	Ма	Location *		37.313110 °
Category	Rivers, Ch	annels & D	esignated Flood	-120.559070 °
Item	Item Erosion / Bank Caving			
DWR ID DWR_NA0013_33_c _ 2012_33				
Action/Comments				

Inspector Comments: No erosion upstream observed during inspection.

No Photos

\* Location LS : Land Side CR : Crown

: Acceptable : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En : Enforcement

### **Levee Inspection Report By Mile - Channel 2015**

### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/05/2015 08/05/2015	Herman Phillips

### Check Point / View **Gurr Rd / Up (cont)**

Rating **	N	Issue No.	34	GPS Lat/Long	
Issue Type +	Ма	Location *		37.313110	0
Category	Rivers, Channels & Designated Flood			-120.559070	0
Item Revetments					
DWR ID DWR_NA0013_33_c _ 2012_34					
		Action/Cor	mments		

No Photos

Inspector Comments: No revetment at this location.

Rating **	А	A Issue No. 35		GPS Lat/Long		
Issue Type +	Ma	Location *		37.313110 °		
Category	Rivers, Ch	annels & D	esignated Flood	-120.559070 °		
Item Encroachments						
DWR ID	ID DWR_NA0013_33_c _ 2012_35					
	Action/Comments					

No Photos

Inspector Comments: No encroachments observed during inspection.

### Check Point / View

Gur	r Rd / Dov	<b>v</b> n				
	Rating **	U	Issue No.	36	GPS Lat/Long	
	Issue Type +	Ма	Location *		37.313110	0
	Category	Rivers, Ch	annels & D	esignated Flood	-120.559070	0
	Item	Vegetation	& Obstruc	tions		
	DWR ID	DWR_NA00	13_33_c _ 2	012_36		
			Action/Cor	mments		

Inspector Comments: Log jams, snags, vegetation growth (such as cat tails, bull rushes, bushes or saplings) or other obstructions block approximately 50% of the capacity.

#### Photo 1 of 1: CH\_2015\_NA0013\_33\_36\_20150820\_00029.jpg



Black Rascal Creek looking downstream from Gurr Road crossing.

Location LS : Land Side WS: Water Side CR : Crown

: Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

### **Levee Inspection Report By Mile - Channel 2015**

### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/05/2015 08/05/2015	Herman Phillips

### Check Point / View **Gurr Rd / Down (cont)**

Rating **	U	Issue No.	37	GPS Lat/Long	
Issue Type +	Ma	Location *		37.313110 °	
Category	Rivers, Ch	annels & D	-120.559070 °		
Item	Shoaling /	Shoaling / Sedimentation			
DWR ID	DWR_NA00	13_33_c _ 2	012_37		

Action/Comments

Inspector Comments: Shoaling is well established, stabilized by trees, brush or other vegetation. Shoals are diverting flow to channel bank causing bank erosion and undercutting. Refer to photo in issue #36.

Rating \*\* Issue No. Α 38 GPS Lat/Long Issue Type + Ма Location \* 37.313110 ° Category Rivers, Channels & Designated Flood -120.559070° Erosion / Bank Caving Item DWR NA0013 33 c 2012 38 DWR ID Action/Comments

Inspector Comments: No erosion could be seen due to vegetation.

No Photos

No Photos

Rating \*\* Issue No. Ν 39 GPS Lat/Long Issue Type + Ma 37.313110 ° Category Rivers, Channels & Designated Flood -120.559070° Item Revetments DWR ID DWR\_NA0013\_33\_c \_ 2012\_39 Action/Comments

Inspector Comments: No revetment at this location.

No Photos

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

### Levee Inspection Report By Mile - Channel 2015

### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/05/2015 08/05/2015	Herman Phillips

# Check Point / View Gurr Rd / Down (cont)

Rating **	Α	Issue No.	40	GPS Lat/Long	
Issue Type +	Ma	Location *		37.313110	0
Category	Rivers, Ch	annels & D	-120.559070	0	
Item	Encroachn	nents			
DWR ID	DWR_NA00	13_33_c _ 2	012_40		

#### Action/Comments

Inspector Comments: There was no encroachment observed during this inspection.

No Photos

### Hwy 140 / Up

, 1407 OP					
Rating **	М	Issue No.	41	GPS Lat/Long	
Issue Type +	Ма	Location *		37.302400	0
Category	Rivers, Ch	annels & D	esignated Flood	-120.575460	0
Item	Vegetation	& Obstruc	tions		
DWR ID	DWR_NA00	13_33_c _ 2	012_41		
		Action/Cor	mments		

Check Point / View

Inspector Comments: Log jams, snags, vegetation growth (such as cat tails, bull rushes, bushes or saplings) or other obstructions block approximately 25% of the capacity.

#### Photo 1 of 1: CH\_2015\_NA0013\_33\_41\_20150820\_00030.jpg



Black Rascal Creek from the Hwy 140 crossing the channel.

Rating **	M	Issue No.	42	GPS Lat/Long	
Issue Type +	Ма	Location *		37.302400	0
Category	Rivers, Ch	Rivers, Channels & Designated Flood			0
Item	Shoaling /	Shoaling / Sedimentation			
DWR ID	DWR_NA00	13_33_c _ 2	012_42		
		Action/Co	mments		

Inspector Comments: Could not verify due to vegetation.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

intain En : Enforcement

NA0013

#### Flood Control Project Maintenance Levee Inspections

### **Levee Inspection Report By Mile - Channel 2015**

### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/05/2015 08/05/2015	Herman Phillips

#### Check Point / View Hwy 140 / Up (cont) Rating \* Issue No. 43 GPS Lat/Long Issue Type + Location \* Ma 37.302400° Category Rivers, Channels & Designated Flood -120.575460 ° Item Erosion / Bank Caving DWR ID DWR\_NA0013\_33\_c \_ 2012\_43 Action/Comments Inspector Comments: No erosion.

Rating **	N	Issue No.	44	GPS Lat/Long	
Issue Type +	Ma	Location *		37.302400 °	
Category	Rivers, Ch	annels & D	-120.575460 °		
Item	em Revetments				
DWR ID DWR_NA0013_33_c _ 2012_44					
Action/Comments					

Inspector Comments: No revetment at this location.

Rating **	А	Issue No.	45	GPS Lat/Long	
Issue Type +	Ма	Location *		37.302400	٥
Category	Rivers, Ch	annels & D	esignated Flood	-120.575460	0
Item	Encroachn	nents			
DWR ID	DWR_NA00	13_33_c _ 2	012_45		
		Action/Cor	mments		

Inspector Comments: No encroachment observed during inspection.

No Photos

No Photos

No Photos

\* Location LS : Land Side CR : Crown

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

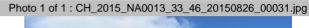
### Levee Inspection Report By Mile - Channel 2015

### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/05/2015 08/05/2015	Herman Phillips

#### Check Point / View Hwy 140 / Down Rating \*\* Issue No. 46 GPS Lat/Long Issue Type + Location \* Ma 37.302400° Category Rivers, Channels & Designated Flood -120.575460 ° Item Vegetation & Obstructions DWR ID DWR\_NA0013\_33\_c \_ 2012\_46 Action/Comments

Inspector Comments: Vegetation in the channel along both banks. The flow is not impeded.





Black Rascal Creek looking downstream from Hwy 140 crossing.

Rating **	Α	GPS Lat/Long				
Issue Type +	Ma	Location *		37.302400 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood -120.5				
Item	Shoaling /	Shoaling / Sedimentation				
DWR ID	DWR_NA00	DWR_NA0013_33_c _ 2012_47				
Action/Comments						

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	М	Issue No.	GPS Lat/Long	
Issue Type +	Ma	Location *		37.302400 °
Category	Rivers, Ch	annels & D	-120.575460 °	
Item	Erosion / Bank Caving			
DWR ID	DWR_NA0013_33_c _ 2012_48			
Action/Comments				

Inspector Comments: Erosion present on the downstream left bank side of channel. Refer to photo in item # 46.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

En : Enforcement

### **Levee Inspection Report By Mile - Channel 2015**

### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/05/2015 08/05/2015	Herman Phillips

#### Check Point / View Hwy 140 / Down (cont)

Rating **	N	Issue No.	49	GPS Lat/Long		
Issue Type +	Ma	Location *	37.302400	0		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Revetment	Revetments				
DWR ID	DWR_NA0013_33_c _ 2012_49					
A - 1' 10 1 -						

Action/Comments

Inspector Comments: No revetment at this location.

Rating \*\* Issue No. M 50 GPS Lat/Long Issue Type + Ма Location \* 37.302400° Category Rivers, Channels & Designated Flood -120.575460 ° Item Encroachments DWR\_NA0013\_33\_c \_ 2012\_50 DWR ID Action/Comments

Inspector Comments: No encroachments during this inspection.

No Photos

No Photos

# Quinley Rd / Up

•		- 1-				
	Rating **	Α	Issue No.	51	GPS Lat/Long	
	Issue Type +	Ma	Location *		37.293797	0
	Category	Rivers, Ch	annels & D	esignated Flood	-120.596922	0
	Item	Vegetation	& Obstruc			
	DWR ID	DWR_NA00				

Check Point / View

Action/Comments

Inspector Comments: Minimal scattered obstructions or vegetation. The flow is not impeded.

#### Photo 1 of 1: CH\_2015\_NA0013\_33\_51\_20150826\_00032.jpg



Black Rascal Creek from Quinley Road crossing.

Location LS : Land Side WS: Water Side CR : Crown

: Acceptable

: Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain

+ Issue Type

### **Levee Inspection Report By Mile - Channel 2015**

### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/05/2015 08/05/2015	Herman Phillips

#### Check Point / View **Quinley Rd / Up (cont)** Rating \*\* Issue No. 52 GPS Lat/Long Issue Type + Location \* Ма 37.293797° Category Rivers, Channels & Designated Flood -120.596922 ° Item Shoaling / Sedimentation DWR ID DWR\_NA0013\_33\_c \_ 2012\_52 Action/Comments

Inspector Comments: No shoaling of sedimentation present.

No Photos

Rating \*\* Issue No. Α 53 GPS Lat/Long Issue Type + Ма Location \* 37.293797° Category Rivers, Channels & Designated Flood -120.596922 ° Item Erosion / Bank Caving DWR NA0013 33 c 2012 53 DWR ID Action/Comments

No Photos

Inspector Comments: No erosion noted.

Rating **	N	N Issue No. 54				
Issue Type +	Ма	Location *		37.293797 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Revetment	Revetments				
DWR ID	DWR_NA00	DWR_NA0013_33_c _ 2012_54				
Action/Comments						

No Photos

Inspector Comments: There is no revetment at this location and is not needed.

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

### Levee Inspection Report By Mile - Channel 2015

### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/05/2015 08/05/2015	Herman Phillips

# Check Point / View Quinley Rd / Up (cont)

Rating **	А	Issue No. 55		GPS Lat/Long		
Issue Type +	Ma	Location *	37.293797 °			
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Encroachn	Encroachments				
DWR ID	DWR_NA0013_33_c _ 2012_55					

Action/Comments

Inspector Comments: No encroachments observed during this inspection.

Check Point / View

#### No Photos

### Quinley Rd / Down

-							
Rating **	M	Issue No. 56		GPS Lat/Long			
Issue Type +	Ма	Location *		37.293797 °			
Category	Rivers, Ch	-120.596922 °					
Item	Vegetation & Obstructions						
DWR ID	DWR_NA0013_33_c _ 2012_56						

### Action/Comments

Inspector Comments: Vegetation present in channel downstream from bridge crossing.

#### Photo 1 of 1: CH\_2015\_NA0013\_33\_56\_20150826\_00033.jpg



Black Rascal Creek from Quinley Rd crossing looking downstream.

Rating **	Α	Issue No.	57	GPS Lat/Long		
Issue Type +	Ma	Location *		37.293797°		
Category	Rivers, Channels & Designated Flood -120.596922					
Item	Shoaling / Sedimentation					
DWR ID	DWR_NA0013_33_c _ 2012_57					
Action/Comments						
Inspector Comments: No shoals present in channel.						

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

### **Levee Inspection Report By Mile - Channel 2015**

### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/05/2015 08/05/2015	Herman Phillips

### Check Point / View **Quinley Rd / Down (cont)**

Rating **	Α	Issue No.	58	GPS Lat/Long		
Issue Type +	En	Location *		37.293797	٥	
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Erosion / B	Erosion / Bank Caving				
DWR ID	DWR_NA0013_33_c _ 2012_58					
Action/Comments						

No Photos

Inspector Comments: No erosion on banks.

Rating **	N Issue No. 59			GPS Lat/Long		
Issue Type +	Ma	Location *		37.293797 °		
Category	Rivers, Ch	annels & D	esignated Flood	-120.596922 °		
Item	Revetment	Revetments				
DWR ID	DWR_NA0013_33_c _ 2012_59					
Action/Comments						

No Photos

Inspector Comments: There is no engineered rip rap placed on the banks but there is scattered rock visible downstream.

Rating **	A	Issue No.	60	GPS Lat/Long			
Issue Type +	En	Location *		37.293797 °			
Category	Rivers, Ch	Rivers, Channels & Designated Flood					
Item	Encroachn	Encroachments					
DWR ID	DWR_NA0013_33_c _ 2012_60						
Action/Comments							

No Photos

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the easement.

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

### Levee Inspection Report By Mile - Channel 2015

### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/05/2015 08/05/2015	Herman Phillips

#### Check Point / View Oak Ave / Up Rating \* Issue No. GPS Lat/Long Α Issue Type + Location \* Ma 37.280330° Category Rivers, Channels & Designated Flood -120.609400 ° Item Vegetation & Obstructions DWR ID DWR\_NA0013\_33\_c \_ 2012\_61 Action/Comments

Inspector Comments: No unsatisfactory vegetation at this location.



Black Rascal Creek from Oak Avenue crossing the channel.

Rating **	Α	A Issue No. 62				
Issue Type +	Ma	Location *		37.280330 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Shoaling /	Shoaling / Sedimentation				
DWR ID	DWR_NA00	DWR_NA0013_33_c _ 2012_62				
Action/Comments						

Inspector Comments: No shoaling at this location.

No Photos

Rating **	М	Issue No.	63	GPS Lat/Long	
Issue Type +	Ma	Location *		37.280330 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Erosion / E	Erosion / Bank Caving			
DWR ID	DWR_NA00	DWR_NA0013_33_c _ 2012_63			
Action/Comments					

Inspector Comments: Erosion present on the right bank and under bridge, appears to be foot traffic.



Black Rascal Creek Oak Avenue bridge crosing, there is erosion present on the right bank slope.

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

En : Enforcement

### **Levee Inspection Report By Mile - Channel 2015**

### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/05/2015 08/05/2015	Herman Phillips

#### Check Point / View Oak Ave / Up (cont)

Rating **	N	Issue No.	64	GPS Lat/Long
Issue Type +	Ma	Location *		37.280330 °
Category	Rivers, Ch	Rivers, Channels & Designated Flood		
Item	Revetmen	ts		
DWR ID	DWR_NA00	)13_33_c _ 2	012_64	

Action/Comments

Inspector Comments: No revetment at this location.

Rating \*\* Issue No. Α 65 GPS Lat/Long Issue Type + Ма Location \* 37.280330° Category Rivers, Channels & Designated Flood -120.609400 ° Item Encroachments DWR\_NA0013\_33\_c \_ 2012\_65 DWR ID Action/Comments

Inspector Comments: No encroachments.

No Photos

No Photos

#### Check Point / View Oak Ave / Down

Rating **	M Issue No. 66			GPS Lat/Long			
Issue Type +	Ma	Location *		37.280330	0		
Category	Rivers, Ch	Rivers, Channels & Designated Flood					
Item	Vegetation	& Obstruc					
DWR ID	DWR_NA00						

Action/Comments

Inspector Comments: Wild growth present on both banks.

#### Photo 1 of 1: CH\_2015\_NA0013\_33\_66\_20150826\_00036.jpg



Black Rascal Creek looking downstream from Oak Avenue crossing

Location LS : Land Side WS: Water Side CR : Crown

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W: Acceptable but Monitor & Maintain

+ Issue Type

### **Levee Inspection Report By Mile - Channel 2015**

### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/05/2015 08/05/2015	Herman Phillips

#### Check Point / View Oak Ave / Down (cont)

•	The state of the s						
	Rating **	Α	Issue No.	67	GPS Lat/Long		
	Issue Type +	Ma	Location *		37.280330 °		
	Category	Rivers, Ch	Rivers, Channels & Designated Flood				
	Item	Shoaling /	Shoaling / Sedimentation				
	DWR ID	DWR_NA00	13_33_c _ 2	012_67			

#### Action/Comments

Inspector Comments: No shoaling present.

No Photos

Rating **	M Issue No. 68		GPS Lat/Long		
Issue Type +	Ob	Location *		37.280330 °	
Category	Rivers, Channels & Designated Flood			-120.609400 °	
Item	Erosion / E	Erosion / Bank Caving			
DWR ID	DWR_NA00	13_33_c _ 2	012_68		

#### Action/Comments

Inspector Comments: Erosion downstream on the left bank of Black Rascal Creek off Oak Avenue road crossing.

# Photo 1 of 1: CH\_2015\_NA0013\_33\_68\_20150826\_00037.jpg



Erosion present on the left bank midway up the slope downdtream from the bridge crossing.

Rating **	N Issue No. 69			GPS Lat/Long	
Issue Type +	Ма	Location *		37.280330	0
Category	Rivers, Ch	Rivers, Channels & Designated Flood			0
Item	Revetmen	ts			
DWR ID	DWR_NA00	13_33_c _ 2	012_69		
Action/Comments					

### Action/Comments

Inspector Comments: There is no riprap on either bank upstream or downstream from this crossing.

No Photos

\* Location LS : Land Side WS: Water Side CR : Crown

: Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

### **Levee Inspection Report By Mile - Channel 2015**

### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/05/2015 08/05/2015	Herman Phillips

### Check Point / View Oak Ave / Down (cont)

Rating **	A Issue No. 70			GPS Lat/Long		
Issue Type +	En	Location *		37.280330	0	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			0	
Item	Encroachn	Encroachments				
DWR ID	DWR_NA00	13_33_c _ 2	012_70			
Action/Comments						

Inspector Comments: No encroachments.

No Photos

#### Check Point / View Bear Creek Confluence / Up

Rating **	M	Issue No.	71	GPS Lat/Long	
Issue Type +	Ma	Location *		37.268311 °	
Category	Rivers, Channels & Designated Flood -120.624111			-120.624111 °	
Item	Vegetation & Obstructions				
DWR ID	DWR_NA0013_33_c _ 2012_71				
	A .: 10				

#### Action/Comments

Inspector Comments: Vegetation present upstream at the confluence. Flow is not impeded.

#### Photo 1 of 1: CH\_2015\_NA0013\_33\_71\_20150826\_00038.jpg



Looking at the confluence of the Black Rascal Creek and the Bear Creek, viewed from downstream right bank of the Black Rascal Creek.

Rating **	А	Issue No.	72	GPS Lat/Long	
Issue Type +	Ма	Location *		37.268311	0
Category	Rivers, Channels & Designated Flood -120.624111				0
Item	Shoaling / Sedimentation				
DWR ID DWR_NA0013_33_c _ 2012_72					
Action/Comments					

Inspector Comments: No shoaling nor sedimentation present.

No Photos

\* Location LS : Land Side WS: Water Side CR : Crown

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain

+ Issue Type

### **Levee Inspection Report By Mile - Channel 2015**

### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/05/2015 08/05/2015	Herman Phillips

### Check Point / View **Bear Creek Confluence / Up (cont)**

inspection.

Rating **	۸	Issue No.	72	0001 1/1	
Railing	Α	issue ivo.	73	GPS Lat/Long	
Issue Type +	Ма	Location *		37.268311	0
Category	Rivers, Ch	annels & D	esignated Flood	-120.624111	0
Item	Erosion / Bank Caving				
DWR ID	DWR_NA00	13_33_c _ 2	012_73		
		Action/Co	mments		

Inspector Comments: No erosion at this location noted during

No Photos

Rating \*\* Issue No. 74 GPS Lat/Long Location \* Issue Type + Ma 37.268311° Category Rivers, Channels & Designated Flood -120.624111 Item Revetments DWR\_NA0013\_33\_c \_ 2012\_74 DWR ID Action/Comments

No Photos

Inspector Comments: No revetment at this location.

Rating **	А	Issue No.	75	GPS Lat/Long	
Issue Type +	Ма	Location *		37.268311	0
Category	Rivers, Ch	Rivers, Channels & Designated Flood -120.6			
Item	Item Encroachments				
DWR ID DWR_NA0013_33_c _ 2012_75					
Action/Comments					

No Photos

Inspector Comments: No encroachments noted during the inspection.

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

### Levee Inspection Report By Mile - Channel 2015

### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/05/2015 08/05/2015	Herman Phillips

GPS Lat/Long

# Rating \*\* M Issue No. 76 Issue Type + Ma I ocation \*

Issue Type +	Ma	Location \*	37.268311	°
Category	Rivers, Channels & Designated Flood	-120.624111	°	
Item	Vegetation & Obstructions			
DWR ID	DWR\_NA0013\_33\_c \_ 2012\_76			

Check Point / View

#### Action/Comments

Inspector Comments: There is vegetation growth at the confluence.

#### Photo 1 of 1: CH\_2015\_NA0013\_33\_76\_20150611\_00020.jpg



Looking at the confluence of the Black Rascal and the Bear Creek young willow trees and other vegetation growth present in channel.

Rating **	Α	Issue No.	77	GPS Lat/Long	
Issue Type +	Ma	Location *		37.268311	0
Category	Rivers, Channels & Designated Flood -120.624111			0	
Item	Shoaling / Sedimentation				
DWR ID	DWR_NA0013_33_c _ 2012_77				

### Action/Comments

Inspector Comments: No shoaling or sedimentation.

No Photos

Rating **	Α	Issue No.	78	GPS Lat/Long	
Issue Type +	Ма	Location *		37.268311	0
Category	Rivers, Ch	annels & D	esignated Flood	-120.624111	0
Item	Erosion / Bank Caving				
DWR ID	DWR_NA0013_33_c _ 2012_78				
		A - C 10 -			

#### Action/Comments

Inspector Comments: No erosion encroaching into the channel bank that would endanger the capacity of the channel was observed.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En : Enforcement

NA0013

#### Flood Control Project Maintenance Levee Inspections

### **Levee Inspection Report By Mile - Channel 2015**

### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Black Rascal Creek	6.00	08/05/2015 08/05/2015	Herman Phillips

#### Check Point / View **Bear Creek Confluence / Down (cont)** Rating \*\* Issue No. GPS Lat/Long Issue Type + Location \* Ma 37.268311° -120.624111 ° Category Rivers, Channels & Designated Flood Item Revetments DWR ID DWR\_NA0013\_33\_c \_ 2012\_79 Action/Comments Inspector Comments: No revetment at this location.

Rating **	Α	Issue No.	80	GPS Lat/Long
Issue Type +	Ma	Location *		37.268311 °
Category	Rivers, Ch	annels & D	esignated Flood	-120.624111 °
Item	Encroachments			
DWR ID	DWR ID DWR_NA0013_33_c _ 2012_80			
Action/Comments				

Inspector Comments: No encroachments noted during this inspection.

No Photos

No Photos

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Flood Control Project Maintenance

### **Unit Cover Sheet**

### 2015 Channel Inspection Results

## **Merced Streams Group**

Channel	
Burns Creek	

Channel Rating	Α
Date of Inspection	08/04/2015
DWR Inspector	Herman Phillips
Accompanied By	

### Levee Inspection Report By Mile - Channel 2015

### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Burns Creek	2.00	08/04/2015 08/04/2015	Herman Phillips

# Check Point / View Low Water Crossing / Up

	•	•		
Rating **	Α	Issue No.	11	GPS Lat/Long
Issue Type +	Ма	Location *		37.333747°
Category	Rivers, Ch	Rivers, Channels & Designated Flood		
Item	Vegetation & Obstructions			
DWR ID	DWR_NA0013_34_c _ 2012_11			

#### Action/Comments

Inspector Comments: The Burns Creek has limited access, only able to view it at (2) locations, low water crossing, and the confluence.

#### Photo 1 of 1 : CH\_2015\_NA0013\_34\_11\_20150819\_00003.jpg



View of the Burns Creek at the confluence with Bear Creek. 37.333527,-120.320610

Rating **	A Issue No. 12			GPS Lat/Long		
Issue Type +	Ma	Location *		37.333747		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Shoaling /	Shoaling / Sedimentation				
DWR ID	DWR_NA0013_34_c _ 2012_12					

### Action/Comments

Inspector Comments: No shoaling or sedimentation couild be seen at area inspected.

No Photos

Rating **	N	Issue No.	13	GPS Lat/Long	
Issue Type +	Ма	Location *		37.333747	o
Category	Rivers, Ch	vers, Channels & Designated Flood		-120.318622	0
Item	Erosion / E	Erosion / Bank Caving			
DWR ID	DWR_NA00	13_34_c _ 2	012_13		

Action/Comments

Inspector Comments: There was no visible signs of erosion at the low water crossing.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

En : Enforcement

### **Levee Inspection Report By Mile - Channel 2015**

### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Burns Creek	2.00	08/04/2015 08/04/2015	Herman Phillips

### Check Point / View Low Water Crossing / Up (cont)

Rating **	N	Issue No.	14	GPS Lat/Long		
Issue Type +	Ма	Location *		37.333747 °		
Category	Rivers, Ch	annels & D	-120.318622 °			
Item	Revetment	Revetments				
DWR ID DWR_NA0013_34_c _ 2012_14						
Action/Comments						

Inspector Comments: This item does not apply to this inspection.

No Photos

Rating \*\* Issue No. Ν 15 GPS Lat/Long Issue Type + Ма Location \* 37.333747° Category Rivers, Channels & Designated Flood -120.318622 ° Item Encroachments

Action/Comments

Inspector Comments: No encroachments present during this inspection.

DWR NA0013 34 c 2012 15

No Photos

### Check Point / View Low Water Crossing / Down

DWR ID

•	W Water Grossing / Down						
	Rating **	Α	Issue No.	21	GPS Lat/Long		
	Issue Type +	Ма	Location *		37.333747 °		
	Category	Rivers, Ch	Rivers, Channels & Designated Flood				
	Item	Vegetation	/egetation & Obstructions				
	DWR ID DWR_NA0013_34_c _ 2013_21						
	A - 1' 10 1 -						

Action/Comments

Inspector Comments: Minimal, scattered vegetation present. The flow is not impeded.

#### Photo 1 of 1: CH\_2015\_NA0013\_34\_21\_20150819\_00004.jpg



Low water crossing upstream of the confluence. 37.333747,-120.318622

Location LS : Land Side WS: Water Side CR : Crown

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated

A/W: Acceptable but Monitor & Maintain

+ Issue Type

Page 3 of 4

#### Flood Control Project Maintenance Levee Inspections

### Levee Inspection Report By Mile - Channel 2015

### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Burns Creek	2.00	08/04/2015 08/04/2015	Herman Phillips

# Check Point / View Low Water Crossing / Down (cont)

Rating **	Α	Issue No.	17	GPS Lat/Long	
Issue Type +	Ma	Location *		37.333747 °	
Category	Rivers, Ch	annels & D	esignated Flood	-120.318622 °	
Item	Shoaling / Sedimentation				
DWR ID DWR_NA0013_34_c _ 2012_17					
Action/Comments					

No Photos

Inspector Comments: At this location no shoaling nor sedimentation present.

Rating **	Α	A Issue No. 18				
Issue Type +	Ma	a Location *		Location *		37.333747 °
Category	Rivers, Ch	annels & D	esignated Flood	-120.318622 °		
Item	Erosion / E	Erosion / Bank Caving				
DWR ID DWR_NA0013_34_c _ 2012_18						
Action/Comments						

No Photos

Inspector Comments: No head cutting or horizontal deviation observed.

Rating **	N	Issue No.	19	GPS Lat/Long			
Issue Type +	Ma	Location *		37.333747 °			
Category	Rivers, Ch	Rivers, Channels & Designated Flood					
Item	Revetments						
DWR ID	DWR_NA0013_34_c _ 2012_19						
Action/Comments							
Inspector Comments: This item does not apply to this inspection.							

No Photos

### Levee Inspection Report By Mile - Channel 2015

### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Burns Creek	2.00	08/04/2015 08/04/2015	Herman Phillips

Burns Creek			2.00 08/04/2015				
	C	Check Point /	View				
v Water Cr	ossing /	Down (c	ont)				
Rating **	Α	Issue No.	20	GPS Lat/Long			
Issue Type +	Ма	Location *		37.333747°	No Photos		
Category	Rivers, Ch	annels & D	esignated Flood	-120.318622 °			
Item	Encroachn	nents		·			
DWR ID	DWR_NA00	013_34_c _ 2	012_20				
		Action/Cor	mments				
Inspector Cor	mments: N	o encroach	ments.				

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Flood Control Project Maintenance

### **Unit Cover Sheet**

### 2015 Channel Inspection Results

## **Merced Streams Group**

Channel	
Mariposa Creek & Duck Slough	

Channel Rating	М
Date of Inspection	08/05/2015 - 08/06/2015
DWR Inspector	Herman Phillips
Accompanied By	

### **Levee Inspection Report By Mile - Channel 2015**

### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/05/2015 08/06/2015	Herman Phillips

#### Check Point / View White Rock Rd / Up Rating \*\* Issue No. GPS Lat/Long Issue Type + Location \* Ma 37.261425° Category Rivers, Channels & Designated Flood -120.198078 ° Item Vegetation & Obstructions DWR ID DWR\_NA0013\_35\_c \_ 2012\_1 Action/Comments Inspector Comments: No vegetation in channel.

Photo 1 of 1 : CH\_2015\_NA0013\_35\_1\_20150826\_00025.jpg



Mariposa Creek looking upstream from White Rock Road.

Rating **	А	Issue No.	2	GPS Lat/Long	
Issue Type +	Ma	Location *		37.261425 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Shoaling / Sedimentation				
DWR ID	DWR_NA0013_35_c _ 2012_2				
Action/Comments					

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	Α	Issue No.	3	GPS Lat/Long		
Issue Type +	Ма	Location *		37.261425 °		
Category	Rivers, Ch	esignated Flood	-120.198078 °			
Item	Erosion / E	Erosion / Bank Caving				
DWR ID DWR_NA0013_35_c _ 2012_3						
Action/Comments						

Inspector Comments: No head cutting or horizontal deviation observed.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

n En : Enforcement

### **Levee Inspection Report By Mile - Channel 2015**

### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/05/2015 08/06/2015	Herman Phillips

### Check Point / View White Rock Rd / Up (cont)

Rating **	N Issue No. 4		GPS Lat/Long		
Issue Type +	Ма	Location *		37.261425	0
Category	Rivers, Ch	-120.198078	٥		
Item	Revetment				
DWR ID	DWR_NA00				
Action/Comments					

Inspector Comments: This item does not apply to this inspection.

No Photos

Rating \*\* Issue No. Α GPS Lat/Long Issue Type + Ма Location \* 37.261425° Category Rivers, Channels & Designated Flood -120.198078 °

Action/Comments

Inspector Comments: No encroachments present during this inspection.

DWR\_NA0013\_35\_c \_ 2012\_5

No Photos

Encroachments

### White Rock Rd / Down

Item

DWR ID

Rating **	Α	Issue No.	6	GPS Lat/Long	
Issue Type +	Ma	Location *		37.261425	0
Category	Rivers, Ch	-120.198078	0		
Item	Vegetation & Obstructions				
DWR ID	DWR_NA0013_35_c _ 2012_6				

Check Point / View

Action/Comments

Inspector Comments: No vegetation in channel.

#### Photo 1 of 1: CH\_2015\_NA0013\_35\_6\_20150826\_00026.jpg



Mariposa Creek looking downstream from White Rock Road.

Location LS : Land Side WS: Water Side CR : Crown

A: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated

A/W: Acceptable but Monitor & Maintain

+ Issue Type

### **Levee Inspection Report By Mile - Channel 2015**

### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/05/2015 08/06/2015	Herman Phillips

### Check Point / View White Rock Rd / Down (cont)

	Rating **	A Issue No. 7			GPS Lat/Long		
	Issue Type +	Ма	Location *		37.261425	0	
	Category	Rivers, Ch	-120.198078	0			
	Item	Shoaling / Sedimentation					
DWR ID DWR_NA0013_35_c _ 2012_7							
	Action/Comments						

Inspector Comments: No shoaling or sedimentation present.

Rating **	Α	Issue No.	8	GPS Lat/Long		
Issue Type +	Ма	Location *		37.261425 °		
Category	Rivers, Ch	annels & D	-120.198078 °			
Item	Erosion / E	Erosion / Bank Caving				
DWR ID DWR_NA0013_35_c _ 2012_8						
Action/Comments						

No Photos

No Photos

Inspector Comments: No erosion encroaching into the channel bank that would endanger the capacity of the channel was observed.

Rating **	N	GPS Lat/Long				
Issue Type +	Ma Location *			37.261425 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Revetment	Revetments				
DWR ID	DWR_NA00	DWR_NA0013_35_c _ 2012_9				
Action/Comments						

No Photos

Inspector Comments: This item does not apply to this inspection.

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

### Levee Inspection Report By Mile - Channel 2015

### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/05/2015 08/06/2015	Herman Phillips

### Check Point / View

### White Rock Rd / Down (cont)

Rating **	Α	Issue No.	10	GPS Lat/Long	
Issue Type +	Ма	Location *		37.261425 °	
Category	Rivers, Channels & Designated Flood			-120.198078 °	
Item	Encroachments				
DWR ID	DWR_NA0013_35_c _ 2012_10				

#### Action/Comments

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the easement.

No Photos

### Fresno Rd / Up

	P					
Rating **	U	GPS Lat/Long				
Issue Type +	Ма	Location *		37.238030	0	
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Vegetation	/egetation & Obstructions				
DWR ID	DWR_NA00	DWR_NA0013_35_c _ 2012_11				
Action/Comments						

Check Point / View

Inspector Comments: Log jams, snags, vegetation growth (such as cat tails, bull rushes, bushes or saplings) or other obstructions block approximately 50% of the capacity.

#### Photo 1 of 1: CH\_2015\_NA0013\_35\_11\_20150826\_00027.jpg



Mariposa Creek looking upstream from Fresno Road crossing.

Rating **	U	Issue No.	12	GPS Lat/Long		
Issue Type +	Ma	Location *		37.238030 °		
Category	Rivers, Channels & Designated Flood			-120.243520 °		
Item	Shoaling /	Shoaling / Sedimentation				
DWR ID	DWR_NA0013_35_c _ 2012_12					
Action/Comments						

Inspector Comments: Channel is chocked off with vegetation. Refer to photo of issue 12.

No Photos

Page 4 of 35

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

### **Levee Inspection Report By Mile - Channel 2015**

### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/05/2015 08/06/2015	Herman Phillips

#### Check Point / View Fresno Rd / Up (cont) Rating \*\* Issue No. 13 GPS Lat/Long Issue Type + Location \* Ma 37.238030° Rivers, Channels & Designated Flood Category -120.243520° Item Erosion / Bank Caving DWR ID DWR\_NA0013\_35\_c \_ 2012\_13 Action/Comments Inspector Comments: No erosion.

Rating \*\* Issue No. Ν GPS Lat/Long Issue Type + Ма Location \* 37.238030° Category Rivers, Channels & Designated Flood -120.243520° Item Revetments DWR\_NA0013\_35\_c \_ 2012\_14 DWR ID Action/Comments

Inspector Comments: There is no revetment at this location and is not needed.

Rating **	Α	Issue No.	15	GPS Lat/Long			
Issue Type +	Ма	Location *		37.238030	0		
Category	Rivers, Ch	annels & D	esignated Flood	-120.243520	0		
Item	Encroachn	nents					
DWR ID	DWR_NA00	13_35_c _ 2	012_15				
		Action/Co	mments				
Inspector Co	mments: N	o encroach	ments.				

No Photos

No Photos

No Photos

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

### Levee Inspection Report By Mile - Channel 2015

### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/05/2015 08/06/2015	Herman Phillips

### Fresno Rd / Down

Rating **	U	U Issue No. 16					
Issue Type +	Ma	Location *		37.238030	0		
Category	Rivers, Channels & Designated Flood			-120.243520	0		
Item	Vegetation	Vegetation & Obstructions					
DWR ID	DWR_NA00	13_35_c _ 2	012_16				

Check Point / View

#### Action/Comments

Inspector Comments: Log jams, snags, vegetation growth (such as cat tails, bull rushes, bushes or saplings) or other obstructions block approximately 50% of the capacity.

#### Photo 1 of 1: CH\_2015\_NA0013\_35\_16\_20150826\_00028.jpg



Mariposa Creek looking downstream from Fresno Road crossing.

Rating **	M	Issue No.	17	GPS Lat/Long		
Issue Type +	Ma	Location *		37.238030 °		
Category	Rivers, Channels & Designated Flood			-120.243520 °		
Item	Shoaling /	Shoaling / Sedimentation				
DWR ID	DWR_NA0013_35_c _ 2012_17					
	A :: 10					

Action/Comments

Inspector Comments: Non-aquatic grasses present on shoal. No trees or brush is present on shoal, and channel flow is not impeded.

No Photos

Rating **	A Issue No. 18			GPS Lat/Long		
Issue Type +	Ma	Location *	37.238030	0		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Erosion / E	Frosion / Bank Caving				
DWR ID	DWR_NA00	DWR_NA0013_35_c _ 2012_18				
Action/Comments						

Inspector Comments: No erosion encroaching into the channel bank that would endanger the capacity of the channel was observed.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

ain En : Enforcement

## **Levee Inspection Report By Mile - Channel 2015**

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/05/2015 08/06/2015	Herman Phillips

## Check Point / View Fresno Rd / Down (cont)

Rating **	N	Issue No.	19	GPS Lat/Long	
Issue Type +	Ma	Location *		37.238030 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Revetment	Revetments			
DWR ID	DWR_NA00	13_35_c _ 2	012_19		

Action/Comments

Inspector Comments: There is no revetment at this location and is not needed.

No Photos

Rating **	М	Issue No.	20	GPS Lat/Long	
Issue Type +	Ма	Location *		37.238030 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Encroachn	Encroachments			
DWR ID	DWR_NA00	DWR_NA0013_35_c _ 2012_20			

#### Action/Comments

Inspector Comments: There are cut up trees left in channel downstream from bridge.

## Photo 1 of 1: CH\_2015\_NA0013\_35\_20\_20150611\_00005.jpg



Wild growth in channel along with firewood piled up in channel downstream from bridge crossing.

+ Issue Type

## Levee Inspection Report By Mile - Channel 2015

# **Merced Streams Group**

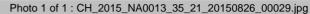
Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/05/2015 08/06/2015	Herman Phillips

# Check Point / View Cunningham Rd / Up Rating \*\* M Issue No.

Rating **	М	Issue No.	21	GPS Lat/Long	
Issue Type +	Ма	Location *		37.238920 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Vegetation	Vegetation & Obstructions			
DWR ID	DWR_NA00	13_35_c _ 2	012_21		

#### Action/Comments

Inspector Comments: Vegetation present in channel.





Mariposa Creek looking upstream from Cuningham Road Crossing.

Rating **	M	Issue No.	22	GPS Lat/Long		
Issue Type +	Ma	Location *		37.238920 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Shoaling /	Shoaling / Sedimentation				
DWR ID	DWR_NA00	DWR_NA0013_35_c _ 2012_22				
	1 11 10					

Action/Comments

Inspector Comments: Non-aquatic grasses present on shoal. No trees or brush is present on shoal, and channel flow is not impeded. Refer to photo issue # 21.

No Photos

Rating **	Α	Issue No.	23	GPS Lat/Long	
Issue Type +	Ma	Location *		37.238920°	
Category	Rivers, Channels & Designated Flood			-120.252550 °	
Item	Erosion / E	Erosion / Bank Caving			
DWR ID	DWR_NA00	DWR_NA0013_35_c _ 2012_23			
A - ti / C t-					

Action/Comments

Inspector Comments: No erosion encroaching into the channel bank that would endanger the capacity of the channel was observed.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

## **Levee Inspection Report By Mile - Channel 2015**

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/05/2015 08/06/2015	Herman Phillips

## Check Point / View Cunningham Rd / Up (cont)

not needed.

Category

Item

DWR ID

-							
	Rating **	N	N Issue No. 24				
	Issue Type +	Ма	Location *		37.238920	0	
	Category	Rivers, Ch	annels & D	-120.252550	0		
	Item	Revetment	evetments				
	DWR ID	DWR_NA00	13_35_c _ 2				
	Action/Comments						

Inspector Comments: There is no revetment at this location and is

Rating \*\* Issue No. Α 25 GPS Lat/Long Issue Type + Ма Location \* 37.238920°

> Rivers, Channels & Designated Flood -120.252550 ° Encroachments DWR\_NA0013\_35\_c \_ 2012\_25

> > Action/Comments

Inspector Comments: No encroachments.

No Photos

No Photos

## Check Point / View

## **Cunningham Rd / Down**

_					
Rating **	Α	Issue No.	26	GPS Lat/Long	
Issue Type +	Ma	Location *		37.238920	٥
Category	Rivers, Channels & Designated Flood			-120.252550	٥
Item	Vegetation	& Obstruc			
DWR ID	DWR_NA00	13_35_c _ 2	012_26		

Action/Comments

Inspector Comments: No vegetation.

### Photo 1 of 1: CH\_2015\_NA0013\_35\_26\_20150826\_00030.jpg



Mariposa Creek looking downstream from Cunningham Road bridge crossing.

Location LS : Land Side CR : Crown

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated

A/W: Acceptable but Monitor & Maintain

+ Issue Type

## **Levee Inspection Report By Mile - Channel 2015**

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/05/2015 08/06/2015	Herman Phillips

# Check Point / View

## **Cunningham Rd / Down (cont)**

Rating **	A Issue No. 27		GPS Lat/Long		
Issue Type +	Ма	Location *		37.238920	0
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Shoaling /	Shoaling / Sedimentation			
DWR ID	DWR_NA00	13_35_c _ 2			
Action/Comments					

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating \*\* Issue No. 28 GPS Lat/Long Issue Type + Location \* Ma 37.238920° Category Rivers, Channels & Designated Flood -120.252550 ° Item Erosion / Bank Caving DWR\_NA0013\_35\_c \_ 2012\_28 DWR ID Action/Comments

No Photos

Inspector Comments: No erosion encroaching into the channel bank that would endanger the capacity of the channel was observed.

Rating **	N Issue No. 29		GPS Lat/Long			
Issue Type +	Ма	Location *		37.238920 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Revetment	Revetments				
DWR ID	DWR ID DWR_NA0013_35_c _ 2012_29					
Action/Comments						

No Photos

Inspector Comments: There is no revetment at this location and is not needed.

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

## Levee Inspection Report By Mile - Channel 2015

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/05/2015 08/06/2015	Herman Phillips

# Check Point / View

# Cunningham Rd / Down (cont)

Railing	A ISSUE NO. 30			GPS Lat/Long	
Issue Type +	Ма	Location *		37.238920 °	
Category	Rivers, Channels & Designated Flood			-120.252550 °	
Item	Encroachments				
DWR ID DWR_NA0013_35_c _ 2012_30					
Action/Comments					

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the easement. Encroachments which do not diminish proper functioning of the project have been previously approved by the Central Valley Flood Protection Board.

No Photos

# Check Point / View RR Bridge near Santa Fe Dr / Up

_			•		
Rating **	Α	Issue No.	GPS Lat/Long		
Issue Type +	Ма	Location *		37.239220	۰
Category	Rivers, Channels & Designated Flood			-120.259020	٥
Item	Vegetation & Obstructions				
DWR ID	DWR_NA00				
Action/Comments					

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

## Photo 1 of 1: CH\_2015\_NA0013\_35\_31\_20150826\_00031.jpg



Mariposa Creek looking upstream from Santa Fe Drive crossing.

Rating **	Α	Issue No.	32	GPS Lat/Long
Issue Type +	Ma	Location *		37.239220 °
Category	Rivers, Ch	Rivers, Channels & Designated Flood		
Item	Shoaling /			
DWR ID	DWR_NA0013_35_c _ 2012_32			
Action/Comments				

Inspector Comments: No shoaling or sedimentation present.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

## **Levee Inspection Report By Mile - Channel 2015**

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/05/2015 08/06/2015	Herman Phillips

GPS Lat/Long

37.239220°

# Check Point / View

#### RR Bridge near Santa Fe Dr / Up (cont) Rating Issue Type + Location 3 Ma

Category Rivers, Channels & Designated Flood -120.259020 ° Item Erosion / Bank Caving DWR ID DWR\_NA0013\_35\_c \_ 2012\_33

#### Action/Comments

Inspector Comments: No erosion encroaching into the channel bank that would endanger the capacity of the channel was observed.

Rating \*\* Issue No. Ν GPS Lat/Long Issue Type + Ma Location \* 37.239220 ° Category Rivers, Channels & Designated Flood -120.259020 ° Revetments Item DWR NA0013 35 c 2012 34 DWR ID Action/Comments

Inspector Comments: There is no revetment at this location and is not needed.

Rating \*\* Issue No. Α 35 GPS Lat/Long Issue Type + Location \* Ma 37.239220 ° Category Rivers, Channels & Designated Flood -120.259020° Item Encroachments DWR ID DWR\_NA0013\_35\_c \_ 2012\_35

Action/Comments Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the easement.

No Photos

No Photos

No Photos

\* Location LS : Land Side CR : Crown

: Acceptable : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Channel 2015

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/05/2015 08/06/2015	Herman Phillips

# Check Point / View RR Bridge near Santa Fe Dr / Down

Rating **	А	Issue No.	36	GPS Lat/Long		
Issue Type +	Ma	Location *		Location *		37.239220 °
Category	Rivers, Channels & Designated Flood			-120.259020 °		
Item	Vegetation & Obstructions					
DWR ID	DWR_NA0013_35_c _ 2012_36					

#### Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

## Photo 1 of 1: CH\_2015\_NA0013\_35\_36\_20150826\_00032.jpg



Mariposa Creek looking downstream from Santa Fe Bridge crossing.

Rating **	Α	Issue No.	37	GPS Lat/Long	
Issue Type +	Ma	Location *		37.239220 °	
Category	Rivers, Ch	annels & D	-120.259020 °		
Item	Shoaling / Sedimentation				
DWR ID	DWR_NA0013_35_c _ 2012_37				
A - 1' 10 1 -					

Action/Comments

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	А	Issue No.	38	GPS Lat/Long	
Issue Type +	Ма	Location *		37.239220 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Erosion / Bank Caving				
DWR ID	DWR_NA0013_35_c _ 2012_38				

Action/Comments

Inspector Comments: No erosion encroaching into the channel bank that would endanger the capacity of the channel was observed.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

## **Levee Inspection Report By Mile - Channel 2015**

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/05/2015 08/06/2015	Herman Phillips

## Check Point / View RR Bridge near Santa Fe Dr / Down (cont)

Rating **	N	Issue No.	39	GPS Lat/Long	
Issue Type +	Ма	Location *		37.239220 °	
Category	Rivers, Channels & Designated Flood			-120.259020 °	
Item	Revetment	Revetments			
DWR ID	DWR_NA0013_35_c _ 2012_39				

Action/Comments

Inspector Comments: There is no revetment at this location and is not needed.

Rating **	A	Issue No.	40	GPS Lat/Long	
Issue Type +	Ma	Location *		37.239220	0
Category	Rivers, Ch	annels & D	esignated Flood	-120.259020	0
Item	Item Encroachments				
DWR ID DWR_NA0013_35_c _ 2012_40					
Action/Comments					

Inspector Comments: No encroachments.

No Photos

No Photos

## Check Point / View **Burchell Rd / Up**

•		<b>-</b> P				
	Rating **	Α	Issue No.	41	GPS Lat/Long	
	Issue Type +	Ma	Location *		37.257610	0
	Category	Rivers, Ch	Rivers, Channels & Designated Flood			0
	Item	Vegetation & Obstructions				
DWR ID DWR_NA0013_35_c _ 2012_41						

Action/Comments

Inspector Comments: Minimal, scattered obstructions of vegetation present. The flow is not impeded.

### Photo 1 of 1: CH\_2015\_NA0013\_35\_41\_20150826\_00033.jpg



Mariposa Creek looking upstream from Burchell Road crossing.

Location LS : Land Side WS: Water Side CR : Crown

A: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

## **Levee Inspection Report By Mile - Channel 2015**

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/05/2015 08/06/2015	Herman Phillips

## Check Point / View **Burchell Rd / Up (cont)**

Rating **	Α	Issue No. 42		GPS Lat/Long	
Issue Type +	Ма	Location *		37.257610 °	
Category	Rivers, Ch	-120.288730 °			
Item	Shoaling / Sedimentation				
DWR ID DWR_NA0013_35_c _ 2012_42					
Action/Comments					

No Photos

Inspector Comments: No shoaling or sedimentation present.

Rating **	Α	Issue No. 43		GPS Lat/Long		
Issue Type +	Ma	Location *		37.257610 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Erosion / Bank Caving					
DWR ID	DWR ID DWR_NA0013_35_c _ 2012_43					
Action/Comments						

No Photos

Inspector Comments: No erosion encroaching into the channel bank that would endanger the capacity of the channel was observed.

Rating **	N	Issue No.	44	GPS Lat/Long	
Issue Type +	Ма	Location *		37.257610 °	
Category	Rivers, Ch	-120.288730 °			
Item	Revetments				
DWR ID	DWR_NA0013_35_c _ 2012_44				
Action/Comments					

No Photos

Inspector Comments: There is no revetment at this location and is not needed.

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

## Levee Inspection Report By Mile - Channel 2015

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/05/2015 08/06/2015	Herman Phillips

# Check Point / View

## **Burchell Rd / Up (cont)**

Rating **	Α	Issue No. 45		GPS Lat/Long		
Issue Type +	Ma	Location *		Ma Location *		37.257610 °
Category	Rivers, Channels & Designated Flood			-120.288730 °		
Item	Encroachments					
DWR ID	DWR_NA00	DWR_NA0013_35_c _ 2012_45				

#### Action/Comments

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the easement. Encroachments which do not diminish proper functioning of the project have been previously approved by the Central Valley Flood Protection Board.

No Photos

# Check Point / View Burchell Rd / Down

Rating **	Α	Issue No.	46	GPS Lat/Long	
Issue Type +	Ма	Location *		37.257610	0
Category	Rivers, Channels & Designated Flood			-120.288730	0
Item	Vegetation & Obstructions				
DWR ID DWR_NA0013_35_c _ 2012_46					
		Action/Cor	mments		

Inspector Comments: No vegetation problems. The flow is not impeded.

#### Photo 1 of 1: CH\_2015\_NA0013\_35\_46\_20150827\_00035.jpg



Mariposa Creek looking downstream from Burchell Road crossing.

Rating **	Α	Issue No.	47	GPS Lat/Long	
Issue Type +	Ма	Location *		37.257610 °	
Category	Rivers, Ch	-120.288730 °			
Item	Shoaling / Sedimentation				
DWR ID	DWR_NA0013_35_c _ 2012_47				
Action/Comments					

Inspector Comments: No shoaling or sedimentation present.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated

A/W: Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Channel 2015

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/05/2015 08/06/2015	Herman Phillips

## Check Point / View

## **Burchell Rd / Down (cont)**

Rating **	M	Issue No.	48	GPS Lat/Long	
Issue Type +	Ма	Location *		37.257610 °	
Category	Rivers, Ch	-120.288730 °			
Item	Erosion / Bank Caving				
DWR ID	DWR_NA0013_35_c _ 2012_48				

#### Action/Comments

Inspector Comments: Erosion on the left bank downstream from the Bruchell Rd. bridge crossing. This erosion has been reported in the last two inspections. No photo was taken. No Photos

Rating \*\* Issue No. Ν 49 GPS Lat/Long Issue Type + Ma Location \* 37.257610 ° Category Rivers, Channels & Designated Flood -120.288730 ° Revetments Item DWR NA0013 35 c 2012 49 DWR ID

## Action/Comments

Inspector Comments: There is no revetment at this location and is not needed.

No Photos

Rating \*\* U Issue No. 50 GPS Lat/Long Issue Type + Location \* Ma 37.257610 ° Category Rivers, Channels & Designated Flood -120.288730° Item Encroachments DWR ID DWR\_NA0013\_35\_c \_ 2012\_50 Action/Comments

Inspector Comments: There is a fence present underneath the bridge crossing that can cause problems during highwater, debris can dam up against this fence causing erosion to the banks.

Photo 1 of 2: CH\_2015\_NA0013\_35\_50\_20150611\_00013.jpg



Fence present under bridge left bank crossing channel.

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W: Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Channel 2015

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/05/2015 08/06/2015	Herman Phillips

# Check Point / View Burchell Rd / Down (cont)

	•				
Rating **	U	Issue No.	Issue No. 50 (cont)		
Issue Type +	Ma	Location *	37.257610 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Encroachn	Encroachments			
DWR ID	DWR_NA00	13_35_c _ 2	012_50		

#### Action/Comments

Inspector Comments: There is a fence present underneath the bridge crossing that can cause problems during highwater, debris can dam up against this fence causing erosion to the banks.

## Photo 2 of 2: CH\_2015\_NA0013\_35\_50\_20150611\_00012.jpg



Fence continues up the slope of the right bank.

## Plainsburg Rd / Up

_	-						
Rating **	Α	Issue No. 51		Issue No. 51		GPS Lat/Long	
Issue Type +	Ма	Location *		Location *		37.258340 °	
Category	Rivers, Ch	annels & D	esignated Flood	-120.324970 °			
Item	Vegetation & Obstructions						
DWR ID	DWR_NA0013_35_c _ 2012_51						
	A - 4: 1/O						

Check Point / View

#### Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

### Photo 1 of 1: CH\_2015\_NA0013\_35\_51\_20150827\_00036.jpg



Mariposa Creek looking upstream from Plainsburg Road Crossing.

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain

#### + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## **Levee Inspection Report By Mile - Channel 2015**

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/05/2015 08/06/2015	Herman Phillips

## Check Point / View Plainsburg Rd / Up (cont)

Rating **	Α	A Issue No. 52				
Issue Type +	Ма	Location *	Location *			
Category	Rivers, Ch	tivers, Channels & Designated Flood -				
Item	Shoaling /	Shoaling / Sedimentation				
DWR ID	DWR_NA0013_35_c _ 2012_52					
Action/Comments						

Inspector Comments: No shoaling or sedimentation present.

Rating **	Α	A Issue No. 53		A Issue No. 53		A Issue No. 53		GPS Lat/Long	
Issue Type +	Ма	Location *		Location *		37.258340	۰		
Category	Rivers, Ch	Rivers, Channels & Designated Flood			0				
Item	Erosion / E	Erosion / Bank Caving							
DWR ID	DWR_NA0013_35_c _ 2012_53								
Action/Comments									

Inspector Comments: No head cutting or horizontal deviation observed.

No Photos

No Photos

Rating **	N	Issue No.	54	GPS Lat/Long	ı	
Issue Type +	Ма	Location *		37.258340 °	1	
Category	Rivers, Ch	annels & D	-120.324970 °	1		
Item	Revetments					
DWR ID	DWR_NA00	13_35_c _ 2	012_54			
	Action/Comments					

Inspector Comments: There is no revetment at this location and is not needed.

No Photos

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

## **Levee Inspection Report By Mile - Channel 2015**

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/05/2015 08/06/2015	Herman Phillips

## Check Point / View

## Plainsburg Rd / Up (cont)

Rating **	Α	Issue No.	55	GPS Lat/Long		
Issue Type +	Ма	Location *		Location *		37.258340 °
Category	Rivers, Ch	-120.324970 °				
Item	Encroachn	Encroachments				
DWR ID	DWR_NA00	13_35_c _ 2	012_55			

#### Action/Comments

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the easement. Encroachments which do not diminish proper functioning of the project have been previously approved by the Central Valley Flood Protection Board. No Photos

# Check Point / View

## Plainsburg Rd / Down

Rating **	Α	Issue No.	56	GPS Lat/Long	
Issue Type +	Ма	Location *		37.258340 °	
Category	Rivers, Ch	annels & D	esignated Flood	-120.324970 °	
Item	Vegetation & Obstructions				
DWR ID	DWR_NA00	13_35_c _ 2	012_56		

#### Action/Comments

Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.

#### Photo 1 of 1: CH\_2015\_NA0013\_35\_56\_20150827\_00037.jpg



Mariposa Creek looking downstream from Plainsburg Road Crossing.

Rating **	Α	Issue No.	57	GPS Lat/Long		
Issue Type +	Ма	Location *		37.258340 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood -12				
Item	Shoaling /	Shoaling / Sedimentation				
DWR ID	DWR_NA00	13_35_c _ 2	012_57			
	Action/Comments					

Inspector Comments: No shoaling or sedimentation present.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Monday, August 31, 2015 10:12

: Acceptable : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated : Corrected

+ Issue Type

## Levee Inspection Report By Mile - Channel 2015

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/05/2015 08/06/2015	Herman Phillips

# Check Point / View Plainsburg Rd / Down (cont)

•		•			
Rating **	Α	Issue No.	58	GPS Lat/Long	
Issue Type +	Ма	Location *		37.258340 °	
Category	Rivers, Ch	annels & D	-120.324970 °		
Item	Erosion / E	Erosion / Bank Caving			
DWR ID	DWR_NA00	DWR_NA0013_35_c _ 2012_58			

#### Action/Comments

Inspector Comments: No erosion encroaching into the channel bank that would endanger the capacity of the channel was observed.

Rating \*\* Issue No. Ν 59 GPS Lat/Long Issue Type + Ma Location \* 37.258340 ° Category Rivers, Channels & Designated Flood -120.324970 ° Revetments Item DWR ID DWR NA0013 35 c 2012 59 Action/Comments

Inspector Comments: There is no revetment at this location and is not needed.

No Photos

No Photos

Rating \*\* A Issue No. 60 GPS Lat/Long
Issue Type + Ma Location \* 37.258340 °

Category Rivers, Channels & Designated Flood -120.324970 °

Item Encroachments

DWR ID DWR\_NA0013\_35\_c \_ 2012\_60

Action/Comments

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the easement. Encroachments which do not diminish proper functioning of the project have been previously approved by the Central Valley Flood Protection Board.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Channel 2015

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/05/2015 08/06/2015	Herman Phillips

## Whealan Rd / Up

Jaiaii Ita /	<b>-</b> P				
Rating **	М	Issue No.	61	GPS Lat/Long	
Issue Type +	Ма	Location *		37.261540	٥
Category	Rivers, Ch	annels & D	nnels & Designated Flood		0
Item	Vegetation	& Obstruc	tions		
DWR ID	DWR_NA00	13_35_c _ 2	012_61		

Check Point / View

#### Action/Comments

Inspector Comments: Log jams, snags, vegetation growth (such as cat tails, bull rushes, bushes or saplings) or other obstructions block approximately 25% of the FCW.

#### Photo 1 of 1: CH\_2015\_NA0013\_35\_61\_20150827\_00038.jpg



Mariposa Creek looking upstream from Whealan Road crossing.

Rating **	M	Issue No.	62	GPS Lat/Long			
Issue Type +	Ma	Location *		37.261540 °			
Category	Rivers, Ch	-120.343200 °					
Item	Item Shoaling / Sedimentation						
DWR ID	DWR_NA0013_35_c _ 2012_62						
	A :: 10						

Action/Comments

Inspector Comments: Non-aquatic grasses present on shoal. No trees or brush is present on shoal, and channel flow is not impeded.

No Photos

Rating **	Α	Issue No.	63	GPS Lat/Long		
Issue Type +	Ма	Location *		37.261540 °		
Category	Rivers, Ch	annels & D	esignated Flood	-120.343200 °		
Item	Erosion / Bank Caving					
DWR ID	DWR_NA0013_35_c _ 2012_63					
	Action/Comments					

Action/Comments

Inspector Comments: No erosion encroaching into the channel bank that would endanger the capacity of the channel was observed.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Channel 2015

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/05/2015 08/06/2015	Herman Phillips

# Check Point / View Whealan Rd / Up (cont)

Rating **	N	N Issue No. 64		GPS Lat/Long		
Issue Type +	Ма	Location *		37.261540 °		
Category	Rivers, Ch	annels & D	esignated Flood	-120.343200 °		
Item	Revetmen	Revetments				
DWR ID	DWR_NA00	WR_NA0013_35_c _ 2012_64				

Action/Comments
Inspector Comments: There is no revetment at this location.

Rating \*\* Issue No. Α 65 GPS Lat/Long Issue Type + Ма Location \* 37.261540° Category Rivers, Channels & Designated Flood -120.343200 ° Item Encroachments DWR\_NA0013\_35\_c \_ 2012\_65 DWR ID Action/Comments

Inspector Comments: No encroachments present.

No Photos

No Photos

# Check Point / View Whealan Rd / Down

h	ealan Rd /	Down					
	Rating **	М	Issue No.	66	GPS Lat/Long		
	Issue Type +	Ма	Location *		37.261540	0	
	Category	Rivers, Ch	Rivers, Channels & Designated Flood				
	Item Vegetation & Obstructions						
	DWR ID						
			Action/Cor	mments			

Inspector Comments: Log jams, snags, vegetation growth (such as cat tails, bull rushes, bushes or saplings) or other obstructions block approximately 25% of the FCW. Both banks covered with wild tree growth.

### Photo 1 of 1: CH\_2015\_NA0013\_35\_66\_20150827\_00039.jpg



Mariposa Creek looking downstream from Whealan Road Crossing.

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated

A/W: Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

## **Levee Inspection Report By Mile - Channel 2015**

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/05/2015 08/06/2015	Herman Phillips

## Check Point / View Whealan Rd / Down (cont)

	•	-			
Rating **	Α	Issue No.	67	GPS Lat/Long	
Issue Type +	Ма	Location *		37.261540	0
Category	Rivers, Ch	annels & D	esignated Flood	-120.343200	0
Item	Item Shoaling / Sedimentation				Ī
DWR ID	DWR_NA00	13_35_c _ 2	012_67		
		Action/Cor	mments		

Inspector Comments: No shoaling or sedimentation present.

Rating \*\* Issue No. Α GPS Lat/Long Issue Type + Ма Location \* 37.261540° Category Rivers, Channels & Designated Flood -120.343200 ° Item Erosion / Bank Caving DWR ID DWR\_NA0013\_35\_c \_ 2012\_68

No Photos

No Photos

## Action/Comments

Inspector Comments: No erosion encroaching into the channel bank that would endanger the capacity of the channel was observed.

Rating **	N	Issue No.	69	GPS Lat/Long		
Issue Type +	Ма	Location *		37.261540 °		
Category	Rivers, Ch	annels & D	-120.343200 °			
Item	Revetments					
DWR ID	DWR_NA00	WR_NA0013_35_c _ 2012_69				
	Action/Comments					

Inspector Comments: There is no revetment at this location and is

No Photos

\* Location LS : Land Side CR : Crown

not needed.

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

## **Levee Inspection Report By Mile - Channel 2015**

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/05/2015 08/06/2015	Herman Phillips

## Check Point / View Whealan Rd / Down (cont)

Rating **	Α	Issue No. 70		GPS Lat/Long
Issue Type +	Ма	Location *		37.261540 °
Category	Rivers, Ch	Rivers, Channels & Designated Flood		
Item	Encroachments			
DWR ID DWR_NA0013_35_c _ 2012_70				
Action/Comments				

Inspector Comments: No encroachments observed during inspection.

## Check Point / View

## Arboleda Rd / Up

Rating **	M	Issue No.	71	GPS Lat/Long	
Issue Type +	Ma	Location *		37.257036 °	0
Category	Rivers, Ch	Rivers, Channels & Designated Flood			0
Item Vegetation & Obstructions					
DWR ID DWR_NA0013_35_c _ 2012_71					
	Action/Comments				

Inspector Comments: Vegetation collection up on the left bank of channel, flow is not impeded.

## Photo 1 of 1: CH\_2015\_NA0013\_35\_71\_20150827\_00042.jpg

No Photos



Mariposa Creek looking upstream from Arboleda Road crossing.

Rating **	А	Issue No. 72		GPS Lat/Long	
Issue Type +	Ма	Location *		37.257036 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Shoaling /	Shoaling / Sedimentation			
DWR ID	DWR_NA0013_35_c _ 2012_72				
Action/Comments					

Inspector Comments: No shoaling or sedimentation present.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain

+ Issue Type

## **Levee Inspection Report By Mile - Channel 2015**

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/05/2015 08/06/2015	Herman Phillips

## Check Point / View Arboleda Rd / Up (cont)

Rating **	A	Issue No.	GPS Lat/Long		
Issue Type +	Ma	Location *		37.257036°	
Category	Rivers, Channels & Designated Flood			-120.379219 °	
Item	Erosion / E	rosion / Bank Caving			
DWR ID	DWR_NA00	13_35_c _ 2	012_73		

#### Action/Comments

Inspector Comments: No erosion encroaching into the channel bank that would endanger the capacity of the channel was observed.

Rating **	N	Issue No.	74	GPS Lat/Long	
Issue Type +	Ма	Location *		37.257036	٥
Category	Rivers, Ch	Rivers, Channels & Designated Flood			0
Item	Item Revetments				
DWR ID DWR_NA0013_35_c _ 2012_74					
Action/Comments					

Inspector Comments: No revetment at this site.

No Photos

No Photos

Rating **	Α	Issue No.	75	GPS Lat/Long	
Issue Type +	Ма	Location *		37.257036	0
Category	Rivers, Ch	Rivers, Channels & Designated Flood			0
Item	Item Encroachments				
DWR ID DWR_NA0013_35_c _ 2012_75					
Action/Comments					

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the easement.

No Photos

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

## Levee Inspection Report By Mile - Channel 2015

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/05/2015 08/06/2015	Herman Phillips

# Arboleda Rd / Down

Rating **	М	Issue No.	76	GPS Lat/Long
Issue Type +	Ma	Location *		37.257036°
Category	Rivers, Ch	annels & D	-120.379219 °	
Item	Vegetation	/egetation & Obstructions		
DWR ID	DWR_NA00	13_35_c _ 2	012_76	

Check Point / View

#### Action/Comments

Inspector Comments: Log jams, snags, vegetation growth (such as cat tails, bull rushes, bushes or saplings) or other obstructions blocking approximately 25% of the capacity.

#### Photo 1 of 1: CH\_2015\_NA0013\_35\_76\_20150827\_00041.jpg



Mariposa Creek looking upstream from Arboleda Road crossing.

Rating **	Α	A Issue No. 77		GPS Lat/Long	
Issue Type +	Ма	Location *		37.257036	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Shoaling /	Shoaling / Sedimentation			
DWR ID	DWR_NA0013_35_c _ 2012_77				
Action/Comments					

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	А	Issue No.	78	GPS Lat/Long	
Issue Type +	Ма	Location *		37.257036	۰
Category	Rivers, Ch	annels & D	esignated Flood	-120.379219	٥
Item	Erosion / E	Bank Caving	9		
DWR ID	DWR_NA00	13_35_c _ 2	012_78		

#### Action/Comments

Inspector Comments: MID came out and repaired the bank erosion that was on the left bank downstream of bridge crossing.

### Photo 1 of 1: CH\_2015\_NA0013\_35\_78\_20150827\_00043.jpg



Mariposa Creek left bank erosion repaired.

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated

A/W: Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

## **Levee Inspection Report By Mile - Channel 2015**

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/05/2015 08/06/2015	Herman Phillips

## Check Point / View Arboleda Rd / Down (cont)

Rating **	N	Issue No.	79	GPS Lat/Long	
Issue Type +	Ма	Location *		37.257036	٥
Category	Rivers, Ch	Rivers, Channels & Designated Flood			0
Item	Revetments				
DWR ID DWR_NA0013_35_c _ 2012_79					
Action/Comments					

Inspector Comments: There is no revetment at this site.

Rating **	Α	Issue No.	80	GPS Lat/Long		
Issue Type +	Ма	Location *		37.257036°		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Encroachn	Encroachments				
DWR ID DWR_NA0013_35_c _ 2012_80						
Action/Comments						

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

No Photos

#### Check Point / View Healy Rd / Up Rating \*\* Issue No. U 81 GPS Lat/Long Issue Type + Ма Location \* 37.246180 ° Rivers, Channels & Designated Flood Category -120.434130 ° Item Vegetation & Obstructions DWR ID DWR\_NA0013\_35\_c \_ 2012\_81 Action/Comments

Inspector Comments: Vegetation present on both banks and in channel.

### Photo 1 of 1: CH\_2015\_NA0013\_35\_81\_20150831\_00049.jpg



Looking upstream from Healy Road crossing.

Location LS : Land Side CR : Crown

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated

A/W: Acceptable but Monitor & Maintain

+ Issue Type

## Levee Inspection Report By Mile - Channel 2015

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/05/2015 08/06/2015	Herman Phillips

# Check Point / View Healy Rd / Up (cont)

Rating **	U	Issue No.	82	GPS Lat/Long		
Issue Type +	Ma	Location *		37.246180 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood -120				
Item	Shoaling /	Shoaling / Sedimentation				
DWR ID	DWR_NA00	DWR_NA0013_35_c _ 2012_82				

Action/Comments

Inspector Comments: Wild growth prevent viewing the channel for shoaling or sedimentation. Refer to photo of issue # 81.

Rating \*\* Issue No. Μ 83 GPS Lat/Long Issue Type + Ma Location \* 37.246180° Category Rivers, Channels & Designated Flood -120.434130 ° Erosion / Bank Caving Item DWR NA0013 35 c 2012 83 DWR ID

Action/Comments

Inspector Comments: You can't see the banks at this location to see if any erosion is present or not. Visibility is prohibited by wild growth.

No Photos

No Photos

Rating \*\* N Issue No. 84 GPS Lat/Long
Issue Type + Ma Location \* 37.246180 °

Category Rivers, Channels & Designated Flood -120.434130 °

Item Revetments

DWR ID DWR\_NA0013\_35\_c \_ 2012\_84

Action/Comments

Inspector Comments: There is no revetment at this location and is not needed.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## **Levee Inspection Report By Mile - Channel 2015**

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/05/2015 08/06/2015	Herman Phillips

## Check Point / View Healy Rd / Up (cont)

Rating **	Α	Issue No. 85		GPS Lat/Long	
Issue Type +	Ma	Location *		37.246180 °	
Category	Rivers, Ch	-120.434130 °			
Item	Encroachn	Encroachments			
DWR ID	DWR_NA00	DWR_NA0013_35_c _ 2012_85			

#### Action/Comments

Inspector Comments: No encroachments observed during inspection.

# **Healy Rd / Down**

Rating **	M	Issue No. 86		GPS Lat/Long			
Issue Type +	Ma	Location *		37.246180	۰		
Category	Rivers, Ch	Rivers, Channels & Designated Flood			0		
Item	Vegetation	Vegetation & Obstructions					
DWR ID	DWR_NA0013_35_c _ 2012_86						

Check Point / View

## Action/Comments

Inspector Comments: Log jams, snags, vegetation growth (such as cat tails, bull rushes, bushes or saplings) or other obstructions block approximately 25% of the capacity.

#### Photo 1 of 1: CH\_2015\_NA0013\_35\_86\_20150831\_00050.jpg

No Photos



Looking downstream from Healy Road crossing.

Rating **	Α	Issue No.	87	GPS Lat/Long		
Issue Type +	Ma	Location *		37.246180 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Shoaling /	Shoaling / Sedimentation				
DWR ID	DWR_NA0013_35_c _ 2012_87					
Action/Comments						

Inspector Comments: No shoaling or sedimentation present.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

## **Levee Inspection Report By Mile - Channel 2015**

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/05/2015 08/06/2015	Herman Phillips

## Check Point / View Healy Rd / Down (cont)

Rating **	Α	Issue No.	88	GPS Lat/Long	
Issue Type +	Ma	Location *		37.246180 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Erosion / Bank Caving				
DWR ID	DWR_NA0013_35_c _ 2012_88				

#### Action/Comments

Inspector Comments: No erosion encroaching into the channel bank that would endanger the capacity of the channel was observed.

Rating \*\* Issue No. Ν 89 GPS Lat/Long Issue Type + Ma Location \* 37.246180° Category Rivers, Channels & Designated Flood -120.434130 ° Revetments Item DWR NA0013 35 c 2012 89 DWR ID Action/Comments

Inspector Comments: There is no revetment at this location and is not needed.

Rating \*\* Issue No. Α 90 GPS Lat/Long Issue Type + Location \* Ma 37.246180 ° Category Rivers, Channels & Designated Flood -120.434130° Item Encroachments DWR ID DWR\_NA0013\_35\_c \_ 2012\_90

Action/Comments Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

No Photos

No Photos

\* Location LS : Land Side CR : Crown

A : Acceptable : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Channel 2015

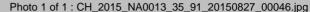
# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/05/2015 08/06/2015	Herman Phillips

#### Check Point / View Hwy 59 / Up Rating \* Μ Issue No. GPS Lat/Long Location \* Issue Type + Ма 37.233961° Category Rivers, Channels & Designated Flood -120.487872 ° Item Vegetation & Obstructions DWR ID DWR\_NA0013\_35\_c \_ 2012\_91

#### Action/Comments

Inspector Comments: Log jams, snags, vegetation growth (such as cat tails, bull rushes, bushes or saplings) or other obstructions block approximately 25% of the capacity.





Mariposa Creek looking upstream from Hwy 59.

Rating **	Α	Issue No.	92	GPS Lat/Long		
Issue Type +	Ma	Location *		37.233961 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Shoaling /	Shoaling / Sedimentation				
DWR ID	DWR_NA0013_35_c _ 2014_92					
Action/Comments						

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	А	Issue No. 93		GPS Lat/Long		
Issue Type +	Ма	Location *		37.233961 °		
Category	Rivers, Ch	annels & D	-120.487872 °			
Item	Item Erosion / Bank Caving					
DWR ID	DWR ID DWR_NA0013_35_c _ 2012_93					
Action/Comments						

Inspector Comments: No erosion present at this location.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

## **Levee Inspection Report By Mile - Channel 2015**

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/05/2015 08/06/2015	Herman Phillips

# Hwy 59 / Up (cont)

Rating **	N	Issue No.	94	GPS Lat/Long
Issue Type +	Ma	Location *		37.233961 °
Category	Rivers, Ch	annels & D	esignated Flood	-120.487872 °
Item	Revetment	ts		·
DWR ID	DWR_NA00	13_35_c _ 2	012_94	

Check Point / View

Action/Comments

Inspector Comments: There is no revetment at this location and is not needed.

Rating **	A Issue No. 95		GPS Lat/Long		
Issue Type +	Ма	Location *		37.233961	0
Category	Rivers, Ch	-120.487872	0		
Item	Encroachn				
DWR ID	DWR_NA00	012_95			
		Action/Cor	mments		

Inspector Comments: No encroachments at this location.

No Photos

No Photos

## Check Point / View Hwy 59 / Down

,,	•				
Rating **	U	Issue No.	96	GPS Lat/Long	
Issue Type +	Ma	Location *		37.233961	0
Category	Rivers, Ch	annels & D	esignated Flood	-120.487872	0
Item	Vegetation	& Obstruc	tions		
DWR ID	DWR_NA00	13_35_c _ 2	012_96		

#### Action/Comments

Inspector Comments: Log jams, snags, vegetation growth (such as cat tails, bull rushes, bushes or saplings) or other obstructions block approximately 50% of the capacity.

### Photo 1 of 1: CH\_2015\_NA0013\_35\_96\_20150827\_00047.jpg



Mariposa Creek looking downstream from Hwy 59.

Location LS : Land Side WS: Water Side CR : Crown

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

## **Levee Inspection Report By Mile - Channel 2015**

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/05/2015 08/06/2015	Herman Phillips

#### Check Point / View Hwy 59 / Down (cont) ODO 1 -4/1 ----07

rtating	_ ^	91	GPS Lat/Long			
Issue Type +	Ма	Location *		37.233961 °		
Category	Rivers, Ch	annels & D	-120.487872 °			
Item Shoaling / Sedimentation						
DWR ID DWR_NA0013_35_c _ 2012_97						
Action/Comments						

Inspector Comments: No shoaling or sedimentation present.

Rating \*\* Issue No. Μ 98 GPS Lat/Long Issue Type + Ма Location \* 37.233961° Category Rivers, Channels & Designated Flood -120.487872 ° Item Erosion / Bank Caving DWR NA0013 35 c 2012 98 DWR ID Action/Comments

Inspector Comments: Unable to note erosion due to overgrowth.

No Photos

No Photos

Rating \*\* Issue No. Ν 99 GPS Lat/Long Issue Type + Ма 37.233961 Category Rivers, Channels & Designated Flood -120.487872 ° Item Revetments DWR\_NA0013\_35\_c \_ 2012\_99 DWR ID Action/Comments

Inspector Comments: There is no revetment at this location and is not needed.

No Photos

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

# Levee Inspection Report By Mile - Channel 2015

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Mariposa Creek & Duck Slough	16.00	08/05/2015 08/06/2015	Herman Phillips

Mariposa Creek & Duck Slough		16.00	08/05/2015 08/06/2015	Herman Phillips			
		Check Point /	View				
y 59 / Dow	n (cont)						
Rating **	А	Issue No.	100	GPS Lat/Long			
Issue Type +	Ma	Location *		37.233961 °	No Photos		
Category	Rivers, Cl	nannels & D	esignated Flood	-120.487872 °			
Item	Encroach	ments		,			
DWR ID DWR_NA0013_35_c _ 2012_100							
		Action/Co	mments				
Inspector Co	mments: N	No encroach	ments at this loca	ation.			

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

## Flood Control Project Maintenance

## **Unit Cover Sheet**

## 2015 Channel Inspection Results

# **Merced Streams Group**

Channel
Miles Creek

Channel Rating	M *
Date of Inspection	08/10/2015 - 08/11/2015
DWR Inspector	Maksim Khashchuk
Accompanied By	Tom Rogers Merced Irrigation District
	Mike Walejko Merced County Public Works

<sup>\*</sup> Overall channel rating average is less than 0.2, however, U rated issues are present, so the overall rating is M instead of A.

## Levee Inspection Report By Mile - Channel 2015

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

#### Check Point / View Childs Ave / Up Rating \*\* Α Issue No. GPS Lat/Long Issue Type + Location \* Ma 37.287962° Category Rivers, Channels & Designated Flood -120.309167 ° Item Vegetation & Obstructions DWR ID DWR\_NA0013\_36\_c \_ 2012\_1 Action/Comments

Inspector Comments: Some vegetation, but does not appear to be enough to impede flow.

#### Photo 1 of 1: CH\_2015\_NA0013\_36\_1\_20150812\_00030.jpg



Upstream view from the Childs Ave. crossing.

Rating **	Α	Issue No.	7	GPS Lat/Long		
Issue Type +	Ma	Location *		37.287900 °		
Category	Rivers, Ch	annels & D	-120.309480 °			
Item	Shoaling /	Shoaling / Sedimentation				
DWR ID	D DWR_NA0013_36_c _ 2012_7					
Action/Comments						

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	А	Issue No.	3	GPS Lat/Long		
Issue Type +	Ма	Location *		37.287962 °		
Category	Rivers, Ch	-120.309170 °				
Item	Erosion / E	Erosion / Bank Caving				
DWR ID	DWR_NA0013_36_c _ 2012_3					
Action/Comments						

Inspector Comments: No visible erosion or bank caving.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

## **Levee Inspection Report By Mile - Channel 2015**

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

## Check Point / View **Childs Ave / Up (cont)**

Rating **	N Issue No. 4			GPS Lat/Long		
Issue Type +	Ма	Location *		37.287962 °		
Category	Rivers, Ch	annels & D	esignated Flood	-120.309170 °		
Item	Revetment	Revetments				
DWR ID DWR_NA0013_36_c _ 2012_4						
Action/Comments						

Inspector Comments: No revetments present at this location.

No Photos

Rating \*\* Issue No. Μ GPS Lat/Long Issue Type + Ма Location \* 37.287962° Category Rivers, Channels & Designated Flood -120.309170° Item Encroachments DWR ID DWR\_NA0013\_36\_c \_ 2012\_5

## Action/Comments

Inspector Comments: Concrete blocks are being stacked under the bridge. Restore back to original condition.

# Photo 1 of 1: CH\_2015\_NA0013\_36\_5\_20150812\_00033.jpg



View of the stacked concrete blocks under the bridge.

+ Issue Type

## Levee Inspection Report By Mile - Channel 2015

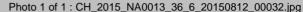
# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

#### Check Point / View **Childs Ave / Down** Rating \*\* Issue No. GPS Lat/Long Issue Type + Location \* Ma 37.287962° Category Rivers, Channels & Designated Flood -120.309170 ° Item Vegetation & Obstructions DWR ID DWR\_NA0013\_36\_c \_ 2012\_6

#### Action/Comments

Inspector Comments: Some vegetation present, but does not appear to be enough to impede flow.





Downstream view from the Childs Ave. crossing.

Rating **	A Issue No. 2		GPS Lat/Long		
Issue Type +	Ma	Ma Location *		37.287962 °	
Category	Rivers, Ch	annels & D	-120.309170 °		
Item	Shoaling / Sedimentation				
DWR ID DWR_NA0013_36_c _ 2012_2					
Action/Comments					

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	А	Issue No. 8		GPS Lat/Long	
Issue Type +	Ма	Location *		37.287962 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Item Erosion / Bank Caving				
DWR ID	DWR_NA0013_36_c _ 2012_8				
Action/Comments					

Inspector Comments: No visible erosion or bank caving.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

## **Levee Inspection Report By Mile - Channel 2015**

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

## Check Point / View **Childs Ave / Down (cont)**

Rating **	N	Issue No.	9	GPS Lat/Long	
Issue Type +	Ма	Location *		37.287962	0
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Revetment	ts			
DWR ID DWR_NA0013_36_c _ 2012_9					
Action/Comments					

No Photos

Inspector Comments: No revetments present at this location.

Rating **	A Issue No. 10		GPS Lat/Long		
Issue Type +	Ма	Location *		37.287962 °	
Category	Rivers, Ch	annels & D	-120.309170 °		
Item	Item Encroachments				
DWR ID DWR_NA0013_36_c _ 2012_10					
Action/Comments					

No Photos

Inspector Comments: No trash, debris or other encroachments present at this location.

# Check Point / View

an	ta Fe Dr /	Up				
	Rating **	Α	Issue No.	11	GPS Lat/Long	
	Issue Type +	Ма	Location *		37.284393	0
	Category	Rivers, Ch	annels & D	-120.315455	0	
	Item	Vegetation	& Obstruc			
	DWR ID DWR_NA0013_36_c _ 2012_11					
		Action/Comments				

Inspector Comments: Minor vegetation, but does not appear to be sufficient to impede flows.

### Photo 1 of 1: CH\_2015\_NA0013\_36\_11\_20150812\_00034.jpg



View from the Santa Fe Dr. crossing looking upstream.

Location LS : Land Side WS: Water Side CR : Crown

Monday, August 31, 2015 10:12

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement A/W: Acceptable but Monitor & Maintain

## **Levee Inspection Report By Mile - Channel 2015**

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

## Check Point / View Santa Fe Dr / Up (cont)

	Rating **	A	Issue No.	12	GPS Lat/Long	
	Issue Type +	Ма	Location *		37.284393	>
	Category Rivers, Channels & Designated Flood -120.31546  Item Shoaling / Sedimentation  DWR ID DWR_NA0013_36_c _ 2012_12				-120.315460 °	>
	Action/Comments					

Inspector Comments: No shoaling or sedimentation present.

Rating \*\* Issue No. Α 13 GPS Lat/Long Issue Type + Ма Location \* 37.284393 ° Category Rivers, Channels & Designated Flood -120.315460 ° Item Erosion / Bank Caving DWR NA0013 36 c 2012 13 DWR ID Action/Comments

Inspector Comments: No visible erosion or bank caving.

No Photos

No Photos

Rating \*\* Issue No. Ν 14 GPS Lat/Long Issue Type + Ма 37.284393 ° Category Rivers, Channels & Designated Flood -120.315460 ° Item Revetments DWR\_NA0013\_36\_c \_ 2012\_14 DWR ID Action/Comments

Inspector Comments: No revetments present at this location.

No Photos

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

## **Levee Inspection Report By Mile - Channel 2015**

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

## Check Point / View Santa Fe Dr / Up (cont)

	• •	•			
Rating **	Α	Issue No.	15	GPS Lat/Long	
Issue Type +	Ma	Location *		37.284393	0
Category	Rivers, Ch	Channels & De	esignated Flood	-120.315460	0
Item	Encroachn	nents			
DWR ID	DWR_NA00	13_36_c _ 2	012_15		

#### Action/Comments

Inspector Comments: No trash, debris or other encroachments present at this location.

No Photos

# Santa Fe Dr / Down

Rating **	Α	Issue No.	16	GPS Lat/Long		
Issue Type +	Ma	Location *		37.284393	0	
Category	Rivers, Channels & Designated Flood			-120.315460	0	
Item	Vegetation & Obstructions					
DWR ID DWR_NA0013_36_c _ 2012_16						
Action/Comments						

Check Point / View

Inspector Comments: Minor vegetation, but does not appear to be sufficient to impede flows.

## Photo 1 of 1: CH\_2015\_NA0013\_36\_16\_20150812\_00035.jpg



Santa Fe Dr. crossing downstream view.

Rating **	A	Issue No.	17	GPS Lat/Long
Issue Type +	Ма	Location *		37.284393 °
Category	Rivers, Ch	-120.315460 °		
Item	Shoaling / Sedimentation			
DWR ID	DWR_NA0013_36_c _ 2012_17			
Action/Comments				

Inspector Comments: No shoaling or sedimentation present.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

#### **Levee Inspection Report By Mile - Channel 2015**

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

#### Check Point / View Santa Fe Dr / Down (cont)

Rating **	Α	Issue No.	18	GPS Lat/Long	
Issue Type +	Ма	Location *		37.284393 °	
Category	Rivers, Ch	annels & D	-120.315460 °		
Item Erosion / Bank Caving					
DWR ID	DWR ID DWR_NA0013_36_c _ 2012_18				
Action/Comments					

Inspector Comments: No visible erosion or bank caving.

Rating **	N	Issue No.	19	GPS Lat/Long	
Issue Type +	Ма	Location *		37.284393 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Revetments				
DWR ID DWR_NA0013_36_c _ 2012_19					
Action/Comments					

No Photos

No Photos

Inspector Comments: No revetments present at this location.

Rating **	A	Issue No.	20	GPS Lat/Long			
Issue Type +	Ма	Location *		37.284393 °			
Category	Rivers, Ch	tivers, Channels & Designated Flood					
Item Encroachments							
DWR ID	DWR ID DWR_NA0013_36_c _ 2012_20						
	Action/Comments						

No Photos

Inspector Comments: No trash, debris or other encroachments present at this location.

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

#### Levee Inspection Report By Mile - Channel 2015

#### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

#### Check Point / View Plainsburg Rd / Up Rating \* Issue No. 21 GPS Lat/Long Issue Type + Location \* Ma 37.282285° Category Rivers, Channels & Designated Flood -120.324890 ° Vegetation & Obstructions Item DWR ID DWR\_NA0013\_36\_c \_ 2012\_21 Action/Comments

Inspector Comments: Minor vegetation, but does not appear as though it will impede flow.

#### Photo 1 of 1: CH\_2015\_NA0013\_36\_21\_20150812\_00036.jpg



Plainsburg Road crossing upstream view.

Rating **	A Issue No. 22			GPS Lat/Long	
Issue Type +	Ma	Location *		37.282285 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood -12			
Item Shoaling / Sedimentation					
DWR ID DWR_NA0013_36_c _ 2012_22					
Action/Comments					

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	М	GPS Lat/Long			
Issue Type +	Ma	Location *		37.282285 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item Erosion / Bank Caving					
DWR ID DWR_NA0013_36_c _ 2012_23					
Action/Comments					

Inspector Comments: Minor erosion on the left bank is present. Monitor this location.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

#### **Levee Inspection Report By Mile - Channel 2015**

#### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

#### Check Point / View Plainsburg Rd / Up (cont)

Rating **	N	Issue No.	24	GPS Lat/Long
Issue Type +	Ma	Location *		37.282285 °
Category	Rivers, Ch	Rivers, Channels & Designated Flood		
Item	Revetment	ts		
DWR ID	DWR_NA00	13_36_c _ 2	012_24	

Action/Comments

No Photos

Inspector Comments: No revetments at this location.

Rating **	Α	Issue No. 25		GPS Lat/Long	
Issue Type +	Ма	Location *		37.282285 °	
Category	Rivers, Ch	annels & D	-120.324890 °		
Item Encroachments					
DWR ID DWR_NA0013_36_c _ 2012_25					
Action/Comments					

No Photos

Inspector Comments: No trash, debris or other encroachments present at this location.

#### Check Point / View

#### Plainsburg Rd / Down

Rating **	M	Issue No.	26	GPS Lat/Long	
Issue Type +	Ма	Location *		37.282060	0
Category	Rivers, Channels & Designated Flood			-120.324870	0
Item	Vegetation	& Obstruc	tions		
DWR ID	DWR_NA00	13_36_c _ 2	012_26		
Action/Comments					

Inspector Comments: Trees are beginning to grow in channel.

They appear to be a willow and a black walnut; please remove.

# Photo 1 of 1: CH\_2015\_NA0013\_36\_26\_20150812\_00037.jpg

Plainsburg Rd crossing, downstream view, Note woody vegetation on left side of channel.

Location LS : Land Side CR : Crown

: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated : Corrected

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

A/W: Acceptable but Monitor & Maintain

#### **Levee Inspection Report By Mile - Channel 2015**

#### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

#### Check Point / View Plainsburg Rd / Down (cont)

Rating **	Α	Issue No.	27	GPS Lat/Long	
Issue Type +	Ma	Location *		37.282285	0
Category	Rivers, Ch	-120.324890	0		
Item	Shoaling / Sedimentation				
DWR ID	DWR_NA0013_36_c _ 2012_27				
Action/Comments					

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating \*\* Issue No. 28 GPS Lat/Long Location \* Issue Type + Ma 37.282285 ° -120.324890 ° Category Rivers, Channels & Designated Flood Item Erosion / Bank Caving DWR\_NA0013\_36\_c \_ 2012\_28 DWR ID

No Photos

Inspector Comments: No visible erosion or bank caving at this location.

Rating **	N	Issue No. 29		GPS Lat/Long		
Issue Type +	Ма	Location *		37.282060 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Revetment	Revetments				
DWR ID DWR_NA0013_36_c _ 2012_29						
Action/Comments						

No Photos

Inspector Comments: No revetments present at this location.

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

#### **Levee Inspection Report By Mile - Channel 2015**

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

#### Check Point / View Plainsburg Rd / Down (cont)

Rating **	Α	Issue No.	30	GPS Lat/Long	
Issue Type +	Ma Location *			37.282285 °	
Category	Rivers, Ch	-120.324890 °			
Item	Encroachments				
DWR ID	DWR_NA0013_36_c _ 2012_30				

#### Action/Comments

Inspector Comments: No trash, debris or other encroachments present at this location.

#### **Gerard Ave / Up**

					_	
Rating **	A	Issue No. 31		GPS Lat/Long		
Issue Type +	+ Ma Location *			37.280811	0	
Category	Rivers, Ch	-120.331170	0			
Item	Vegetation	Vegetation & Obstructions				
DWR ID	DWR_NA00	DWR_NA0013_36_c _ 2012_31				

Check Point / View

#### Action/Comments

Inspector Comments: Minor vegetation, but does not appear to be enough to impede flow.

#### Photo 1 of 1: CH\_2015\_NA0013\_36\_31\_20150812\_00038.jpg

No Photos



Upstream view from Gerard Ave. crossing.

Rating **	Α	Issue No.	32	GPS Lat/Long	
Issue Type +	Ма	Location *		37.280811	0
Category	Rivers, Ch	esignated Flood	-120.331170	0	
Item	Shoaling / Sedimentation				
DWR ID	DWR_NA0013_36_c _ 2012_32				
Action/Comments					

Inspector Comments: No shoaling or sedimentation present.

No Photos

Location LS : Land Side CR : Crown

: Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

#### **Levee Inspection Report By Mile - Channel 2015**

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

#### Check Point / View Gerard Ave / Up (cont)

Rating **	Α	GPS Lat/Long				
Issue Type +	Ма	Location *		37.280811 °		
Category	Rivers, Ch	annels & D	esignated Flood	-120.331170 °		
Item	Erosion / E	Erosion / Bank Caving				
DWR ID	DWR_NA0013_36_c _ 2012_33					
Action/Comments						

Inspector Comments: No visible erosion or bank caving at this location.

Rating **	N	N Issue No. 34		GPS Lat/Long	
Issue Type +	Ma	Location *		37.280811 °	
Category	Rivers, Ch	-120.331170 °			
Item	Revetments				
DWR ID	DWR_NA0013_36_c _ 2012_34				
Action/Comments					

No Photos

No Photos

Inspector Comments: No revetments present at this location.

Rating **	A Issue No. 35		GPS Lat/Long			
Issue Type +	Ма	Location *		37.280811	٥	
Category	Rivers, Ch	esignated Flood	-120.331170	٥		
Item	tem Encroachments					
DWR ID	DWR_NA0013_36_c _ 2012_35					
Action/Comments						

No Photos

Inspector Comments: No trash, debris or other encroachments present at this location.

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

#### Levee Inspection Report By Mile - Channel 2015

#### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

#### Check Point / View **Gerard Ave / Down** Rating \* Issue No. 36 GPS Lat/Long Issue Type + Location \* Ma 37.280811° Category Rivers, Channels & Designated Flood -120.331170 ° Item Vegetation & Obstructions DWR ID DWR\_NA0013\_36\_c \_ 2012\_36 Action/Comments

Inspector Comments: The LMA has removed most of the woody vegetation and the channel capacity appears to be restored.

#### Photo 1 of 1: CH\_2015\_NA0013\_36\_36\_20150812\_00039.jpg



Downstream view from Gerard Ave. crossing.

Rating **	A Issue No. 37			GPS Lat/Long		
Issue Type +	Ma	Location *		37.280811 °		
Category	Rivers, Ch	annels & D	esignated Flood	-120.331170 °		
Item	Shoaling /	Shoaling / Sedimentation				
DWR ID	/R ID					
Action/Comments						

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	A Issue No. 38		A Issue No. 38 GPS			
Issue Type +	Ма	Location *		37.280811 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Erosion / E	Erosion / Bank Caving				
DWR ID	DWR_NA00	DWR_NA0013_36_c _ 2012_38				
Action/Comments						

Inspector Comments: No visible erosion or bank caving at this location.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

#### **Levee Inspection Report By Mile - Channel 2015**

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

## Check Point / View

#### **Gerard Ave / Down (cont)**

Rating **	N	Issue No.	39	GPS Lat/Long		
Issue Type +	Ma	Location *		37.280811 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Revetmen	Revetments				
DWR ID	DWR_NA0013_36_c _ 2012_39					

Action/Comments

Inspector Comments: No revetments present at this location.

Rating **	A Issue No. 40			GPS Lat/Long		
Issue Type +	Ma Location *			37.280811	0	
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Encroachn	Encroachments				
DWR ID	DWR_NA0013_36_c _ 2012_40					
Action/Comments						

Inspector Comments: No trash, debris or other encroachments present at this location.

No Photos

No Photos

#### Check Point / View alam Dal / Lin Whe

ľ	lealan Rd / Up								
	Rating **	Α	Issue No.	41	GPS Lat/Long				
	Issue Type +	Ma	Location *		37.278696	0			
	Category	Rivers, Ch	annels & D	esignated Flood	-120.343029	0			
	Item	Vegetation	Vegetation & Obstructions						
	DWR ID	DWR_NA00							

Inspector Comments: Minimally obstructive vegetation present, but does not appear that it will impede flow.

#### Photo 1 of 1: CH\_2015\_NA0013\_36\_41\_20150812\_00040.jpg



Upstream view from Whealan Rd. crossing.

Location LS : Land Side WS: Water Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

#### **Levee Inspection Report By Mile - Channel 2015**

#### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

#### Check Point / View Whealan Rd / Up (cont)

Rating **	Α	Issue No.	42	GPS Lat/Long		
Issue Type +	Ма	Location *		37.278696 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Shoaling /	Shoaling / Sedimentation				
DWR ID	DWR_NA00	DWR_NA0013_36_c _ 2012_42				
Action/Comments						

Inspector Comments: No shoaling or sedimentation present.

Rating \*\* Issue No. Α 43 GPS Lat/Long Issue Type + Ма Location \* 37.278696 ° Category Rivers, Channels & Designated Flood -120.343030 ° Item Erosion / Bank Caving DWR ID DWR NA0013 36 c 2012 43 Action/Comments

No Photos

No Photos

Inspector Comments: No visible erosion or bank caving at this location.

Rating **	A Issue No.		44	GPS Lat/Long		
Issue Type +	Ма	Location *		37.278696	0	
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Revetmen	ts				
DWR ID	DWR_NA00	13_36_c _ 2				
Action/Comments						

No Photos

Inspector Comments: Revetment is located under the bridge on both sides of the creek. It appears to be free of debris.

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

#### **Levee Inspection Report By Mile - Channel 2015**

#### **Merced Streams Group**

Channel		Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

#### Check Point / View Whealan Rd / Up (cont)

Rating **	A Issue No. 45		GPS Lat/Long			
Issue Type +	Ma	Location *		37.278696 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Encroachn	Encroachments				
DWR ID	DWR_NA00	DWR_NA0013_36_c _ 2012_45				

Action/Comments

Inspector Comments: No trash, debris or other encroachments present at this location.

#### Check Point / View

	Official Foliat / View					
Wh	Whealan Rd / Down					
	Rating **	А	Issue No.	46	GPS Lat/Long	
	Issue Type +	Ма	Location *		37.278696 °	
	Category	Rivers, Ch	Rivers, Channels & Designated Flood			
	Item	Vegetation	Vegetation & Obstructions			
	DWR ID	DWR_NA00	13_36_c _ 2	012_46		

#### Action/Comments

Inspector Comments: Very minor vegetation, does not appear as though it would impede flow.

#### Photo 1 of 1: CH\_2015\_NA0013\_36\_46\_20150812\_00041.jpg

No Photos



Downstream view from Whealan Rd. crossing.

Rating **	A Issue No. 47		GPS Lat/Long			
Issue Type +	Ma	Location *		37.278696	٥	
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Shoaling /	Shoaling / Sedimentation				
DWR ID	DWR_NA00	DWR_NA0013_36_c _ 2012_47				
Action/Comments						

Inspector Comments: No shoaling or sedimentation present.

No Photos

LS : Land Side WS: Water Side CR : Crown

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain

+ Issue Type

#### **Levee Inspection Report By Mile - Channel 2015**

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

#### Check Point / View Whealan Rd / Down (cont)

Rating **	Α	Issue No.	48	GPS Lat/Long	
Issue Type +	Ma	Location *		37.278696	۰
Category	Rivers, Ch	annels & D	esignated Flood	-120.343030	۰
Item	Erosion / E	Bank Caving	9		
DWR ID	DWR_NA00	13_36_c _ 2	012_48		

Action/Comments

Inspector Comments: No visible erosion or bank caving at this location.

Rating **	Α	A Issue No. 49		GPS Lat/Long	
Issue Type +	Ма	Location *		37.278696	0
Category	Rivers, Ch	annels & D	-120.343030	0	
Item	Item Revetments				
DWR ID	DWR ID DWR_NA0013_36_c _ 2012_49				
Action/Comments					

Inspector Comments: Revetment is under the bridge on both sides of the creek. It is free of debris and appears that it will not impede flows.

No Photos

No Photos

Rating **	A	Issue No.	50	GPS Lat/Long			
Issue Type +	Ма	Location *		37.278696	•		
Category	Rivers, Ch	annels & D	-120.343030	٥			
Item							
DWR ID							
	Action/Comments						

Inspector Comments: No trash, debris or other encroachments present at this location.

No Photos

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

#### Levee Inspection Report By Mile - Channel 2015

#### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

#### Check Point / View Arboleda Dr / Up Rating \*\* Issue No. GPS Lat/Long Issue Type + Location \* Ma 37.272977° Category Rivers, Channels & Designated Flood -120.379054 ° Item Vegetation & Obstructions DWR ID DWR\_NA0013\_36\_c \_ 2012\_51 Action/Comments

Inspector Comments: Minor vegetation present, but does not appear to impede flow.

#### Photo 1 of 1: CH\_2015\_NA0013\_36\_51\_20150812\_00042.jpg



Upstream view from Arboleda Dr. crossing.

Rating **	Α	GPS Lat/Long				
Issue Type +	Ma	Location *		37.272977 °		
Category	Rivers, Ch	annels & D	esignated Flood	-120.379050 °		
Item	Shoaling / Sedimentation					
DWR ID DWR_NA0013_36_c _ 2012_52						
Action/Comments						

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	Α	GPS Lat/Long			
Issue Type +	Ma	Location *		37.272977 °	
Category	Rivers, Ch	annels & D	esignated Flood	-120.379050 °	
Item	Item Erosion / Bank Caving				
DWR ID DWR_NA0013_36_c _ 2012_53					
Action/Comments					

Inspector Comments: No visible erosion or bank caving at this location.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

#### **Levee Inspection Report By Mile - Channel 2015**

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

#### Check Point / View Arboleda Dr / Up (cont)

Rating **	N	GPS Lat/Long				
Issue Type +	Ма	Location *		37.272977 °		
Category	Rivers, Ch	annels & D	esignated Flood	-120.379050 °		
Item	Revetment	Revetments				
DWR ID DWR_NA0013_36_c _ 2012_54						
Action/Comments						

No Photos

Inspector Comments: No revetments present at this location.

Rating **	Α	Issue No. 55		GPS Lat/Long		
Issue Type +	Ma	Location *		37.272977 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Item Encroachments					
DWR ID	DWR_NA0013_36_c _ 2012_55					
Action/Comments						

No Photos

Inspector Comments: No trash, debris or other encroachments present at this location.

#### Check Point / View Ar

.p	poleda Dr / Down						
	Rating **	Α	Issue No.	56	GPS Lat/Long		
	Issue Type +	Ма	Location *		37.272977 °		
	Category	Rivers, Ch	Rivers, Channels & Designated Flood				
	Item	Vegetation	egetation & Obstructions				
	DWR ID	DWR_NA00	WR_NA0013_36_c _ 2012_56				
	Action/Comments						

Inspector Comments: Minor vegetation present, but does not appear to impede flow.

#### Photo 1 of 1: CH\_2015\_NA0013\_36\_56\_20150812\_00043.jpg



Downstream view from Arboleda Dr. crossing

Location LS : Land Side WS: Water Side CR : Crown

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

#### **Levee Inspection Report By Mile - Channel 2015**

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

#### Check Point / View Arboleda Dr / Down (cont)

Rating **	Α	Issue No. 57		GPS Lat/Long	
Issue Type +	Ma	Location *		37.272977 °	
Category	Rivers, Ch	annels & D	-120.379050 °		
Item	n Shoaling / Sedimentation				
DWR ID	DWR_NA00	13_36_c _ 2	012_57		

Action/Comments

Inspector Comments: No shoaling or sedimentation present.

	Rating **	Α	Issue No.	58	GPS Lat/Long	
	Issue Type +	Ma	Location *		37.272977	0
	Category	Rivers, Ch	-120.379050	0		
Item Erosion / Bank Caving						
	DWR ID	DWR_NA00				
			Action/Co	mments		

Inspector Comments: No visible erosion or bank caving at this location.

No Photos

No Photos

Rating **	N	Issue No. 59		GPS Lat/Long
Issue Type +	Ма	Location *		37.272977 °
Category	Rivers, Ch	annels & D	esignated Flood	-120.379050 °
Item	Revetments			
DWR ID	DWR_NA0013_36_c _ 2012_59			
Action/Comments				

Inspector Comments: No revetments present at this location.

No Photos

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

#### **Levee Inspection Report By Mile - Channel 2015**

#### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

#### Check Point / View Arboleda Dr / Down (cont)

Rating **	Α	Issue No.	60	GPS Lat/Long
Issue Type +	Ма	Location *		37.272977 °
Category	Rivers, Ch	Rivers, Channels & Designated Flood		
Item	Encroachn	nents		
DWR ID	DWR_NA00	13_36_c _ 2	012_60	

Action/Comments

Inspector Comments: No trash, debris or other encroachments present at this location.

No Photos

#### Orchard Rd / Up

	•				
Rating **	A	Issue No.	61	GPS Lat/Long	
Issue Type +	Ма	Location *		37.269474	0
Category	Rivers, Ch	annels & D	-120.397391	0	
Item Vegetation & Obstructions					
DWR ID	DWR_NA00	13_36_c _ 2	014_61		

Check Point / View

#### Action/Comments

Inspector Comments: Minor vegetation, but does not appear to be enough to impede flow.

#### Photo 1 of 1: CH\_2015\_NA0013\_36\_61\_20150812\_00044.jpg



Upstream view from Orchard Rd. crossing.

Rating **	Α	Issue No.	62	GPS Lat/Long	
Issue Type +	Ма	Location *		37.269474	٥
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Shoaling / Sedimentation				
DWR ID	DWR_NA00	13_36_c _ 2	012_62		
	Action/Comments				

Inspector Comments: No shoaling or sedimentation present.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement A/W: Acceptable but Monitor & Maintain

#### **Levee Inspection Report By Mile - Channel 2015**

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

#### Check Point / View Orchard Rd / Up (cont)

Rating **	Α	Issue No. 63		GPS Lat/Long	
Issue Type +	Ma	Location *		37.269474°	
Category	Rivers, Ch	annels & D	-120.397390 °		
Item	Item Erosion / Bank Caving				
DWR_NA0013_36_c _ 2012_63					

Action/Comments

Inspector Comments: No visible erosion or bank caving at this location.

Rating **	N	Issue No. 64		GPS Lat/Long	
Issue Type +	Ma	Location *		37.269474	0
Category	Rivers, Ch	Rivers, Channels & Designated Flood			0
Item	Revetmen	Revetments			
DWR ID	DWR_NA00	13_36_c _ 2	012_64		

Inspector Comments: No revetments present at this location.

Action/Comments

Rating **	Α	A Issue No. 65		GPS Lat/Long		
Issue Type +	Ма	Location *		37.269474 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Encroachments					
DWR ID	DWR_NA0013_36_c _ 2012_65					
Action/Comments						

Inspector Comments: No trash, debris or other encroachments present at this location.

No Photos

No Photos

No Photos

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

#### Levee Inspection Report By Mile - Channel 2015

#### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

#### Check Point / View **Orchard Rd / Down** Rating \*\* Issue No. 66 GPS Lat/Long Issue Type + Location \* Ma 37.269474° Category Rivers, Channels & Designated Flood -120.397390° Item Vegetation & Obstructions DWR ID DWR\_NA0013\_36\_c \_ 2012\_66 Action/Comments

Inspector Comments: Minor vegetation, but does not appear to be enough to impede flow.

#### Photo 1 of 1 : CH\_2015\_NA0013\_36\_66\_20150812\_00045.jpg



Downstream view from Orchard Rd. crossing.

Rating **	Α	Issue No.	67	GPS Lat/Long
Issue Type +	Ма	Location *		37.269474 °
Category	Rivers, Channels & Designated Flood			-120.397390 °
Item	Shoaling / Sedimentation			
DWR ID DWR_NA0013_36_c _ 2012_67				
Action/Comments				

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	Α	Issue No.	68	GPS Lat/Long
Issue Type +	Ma	Location *		37.269474°
Category	Rivers, Ch	annels & D	-120.397390 °	
Item	Erosion / Bank Caving			
DWR ID DWR_NA0013_36_c _ 2012_68				
Action/Comments				

Inspector Comments: No visible erosion or bank caving at this location.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

#### Levee Inspection Report By Mile - Channel 2015

#### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

# Check Point / View Orchard Rd / Down (cont)

Rating **	N	Issue No.	69	GPS Lat/Long	
Issue Type +	Ма	Location *		37.269474	0
Category	Rivers, Ch	annels & D	esignated Flood	-120.397390	0
Item	Revetment	ts			
DWR ID	DWR_NA00	13_36_c _ 2	012_69		
		Action/Co	mments		

Inspector Comments: No revetments present at this location.

No Photos

Rating **	Α	Issue No.	70	GPS Lat/Long
Issue Type +	Ma	Location *		37.269474°
Category	Rivers, Ch	annels & D	-120.397390 °	
Item	Item Encroachments			
DWR ID DWR_NA0013_36_c _ 2012_70				
Action/Comments				

No Photos

Inspector Comments: No trash, debris or other encroachments present at this location.

## Miles Rd / Up

•	s Ku / Up					
	Rating **	Α	Issue No.	111	GPS Lat/Long	
	Issue Type +	Ма	Location *		37.267270	0
	Category	Rivers, Ch	annels & D	esignated Flood	-120.415343	0
	Item	Vegetation	& Obstruc	tions		
	DWR ID	DWR_NA00	13_36_c _ 2	013_111		
			Action/Cou	mments		

Check Point / View

#### Action/Comments

Inspector Comments: Some woody vegetation on the left bank but may not impede flow. Recommend clearing at least 100 feet upstream.

#### Photo 1 of 1: CH\_2015\_NA0013\_36\_111\_20150812\_00046.jpg



Upstream view of Miles Creek from Miles Road.

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

#### **Levee Inspection Report By Mile - Channel 2015**

#### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

#### Check Point / View Miles Rd / Up (cont) Rating \* Issue No. 112 GPS Lat/Long

Location \* Issue Type + Ma 37.267270° Category Rivers, Channels & Designated Flood -120.415340 ° Item Shoaling / Sedimentation DWR ID DWR\_NA0013\_36\_c \_ 2013\_112

Action/Comments

Inspector Comments: No shoaling or sedimentation present.

Rating \*\* Issue No. Α 113 GPS Lat/Long Issue Type + Ма Location \* 37.267270 ° Category Rivers, Channels & Designated Flood -120.415340° Item Erosion / Bank Caving DWR NA0013 36 c 2013 113 DWR ID Action/Comments

Inspector Comments: No visible erosion or bank caving at this location.

No Photos

No Photos

Rating \*\* Issue No. Ν 114 GPS Lat/Long Issue Type + Ma 37.267270 ° Category Rivers, Channels & Designated Flood -120.415340° Item Revetments DWR ID DWR\_NA0013\_36\_c \_ 2013\_114

Action/Comments

Inspector Comments: No revetments present at this location.

No Photos

\* Location LS : Land Side CR : Crown

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

#### **Levee Inspection Report By Mile - Channel 2015**

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

#### Check Point / View Miles Rd / Up (cont)

	•			
Rating **	A	Issue No.	115	GPS Lat/Long
Issue Type +	Ма	Location *		37.267270°
Category	Rivers, Ch	Rivers, Channels & Designated Flood		
Item	Encroachn	nents		
DWR ID	DWR_NA00	13_36_c _ 2	013_115	

Action/Comments

Inspector Comments: No trash, debris or other encroachments present at this location.

Check Point / View

#### Miles Rd / Down

Rating **	Α	Issue No. 116		GPS Lat/Long	
Issue Type +	Ма	Location *		37.267270 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Vegetation & Obstructions				
DWR ID	DWR_NA0013_36_c _ 2013_116				
Action/Comments					

Inspector Comments: Minor vegetation, but does not appear to be enough to impede flow.

#### Photo 1 of 1: CH\_2015\_NA0013\_36\_116\_20150812\_00047.jpg

No Photos



Downstream view of Miles Creek from Miles Road.

Rating **	Α	Issue No.	117	GPS Lat/Long		
Issue Type +	Ма	Location *		37.267270	0	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			0	
Item	Shoaling /	Shoaling / Sedimentation				
DWR ID	DWR_NA00	WR_NA0013_36_c _ 2013_117				
Action/Comments						

Inspector Comments: No shoaling or sedimentation present.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

#### **Levee Inspection Report By Mile - Channel 2015**

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

#### Check Point / View Miles Rd / Down (cont)

Rating **	Α	Issue No.	118	GPS Lat/Long		
Issue Type +	Ма	Location *		37.267270	0	
Category	Rivers, Channels & Designated Flood			-120.415340	0	
Item	Erosion / E	Erosion / Bank Caving				
DWR ID DWR_NA0013_36_c _ 2013_118						
Action/Comments						

No Photos

Inspector Comments: No visible erosion or bank caving at this location.

Rating **	N	Issue No.	119	GPS Lat/Long		
Issue Type +	Ma	Location *		37.267270 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Revetmen	Revetments				
DWR ID	DWR_NA0013_36_c _ 2013_119					
Action/Comments						

No Photos

Inspector Comments: No revetments present at this location.

Rating **	A	Issue No.	120	GPS Lat/Long		
Issue Type +	Ма	Location *		37.267270 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Encroachn	Encroachments				
DWR ID	DWR_NA0013_36_c _ 2013_120					
Action/Comments						

No Photos

Inspector Comments: No trash, debris or other encroachments present at this location.

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

#### Levee Inspection Report By Mile - Channel 2015

#### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

#### Check Point / View Coffee St / Up Rating \*\* Α Issue No. 121 GPS Lat/Long Issue Type + Location \* Ма 37.265040° Category Rivers, Channels & Designated Flood -120.427405 ° Item Vegetation & Obstructions DWR ID DWR\_NA0013\_36\_c \_ 2013\_121

#### Action/Comments

Inspector Comments: Some woody vegetatoin present on the left bank which may impeed flow in the future. Recommend removing woody vegetation from the channel.

#### Photo 1 of 1: CH\_2015\_NA0013\_36\_121\_20150812\_00048.jpg



Upstream view of Miles Creek from Coffee St.

Rating **	Α	Issue No.	122	GPS Lat/Long	
Issue Type +	Ма	Location *		37.265040 °	
Category	Rivers, Channels & Designated Flood			-120.427410 °	
Item	Shoaling /	Shoaling / Sedimentation			
DWR ID	DWR_NA0013_36_c _ 2013_122				
		A .: /O			

Action/Comments
Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	А	Issue No.	123	GPS Lat/Long		
Issue Type +	Ма	Location *		37.265040 °		
Category	Rivers, Channels & Designated Flood			-120.427410 °		
Item	Erosion / E	Erosion / Bank Caving				
DWR ID	DWR_NA0013_36_c _ 2013_123					

Action/Comments

Inspector Comments: No visible erosion or bank caving at this location.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

#### Levee Inspection Report By Mile - Channel 2015

#### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

# Check Point / View Coffee St / Up (cont)

Rating **	N	Issue No.	124	GPS Lat/Long			
Issue Type +	Ма	Location *		37.265040 °			
Category	Rivers, Ch	annels & D	-120.427410 °				
Item	Revetmen	Revetments					
DWR ID DWR_NA0013_36_c _ 2013_124							
Action/Comments							

Inspector Comments: No revetments present at this location.

No Photos

Rating \*\* Issue No. Μ 125 GPS Lat/Long Issue Type + Ма Location \* 37.265070° Category Rivers, Channels & Designated Flood -120.427491 ° Item Encroachments DWR ID DWR\_NA0013\_36\_c \_ 2013\_125

Action/Comments

Inspector Comments: Remove urban debris from underneath the bridge.

Photo 1 of 1 : CH\_2015\_NA0013\_36\_125\_20150812\_00049.jpg



View of the urban trash stored under the bridge.

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

A/W : Acceptable but Monitor & Maintain En : Enforcem

#### **Levee Inspection Report By Mile - Channel 2015**

#### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

#### Coffee St / Down

Rating **	М	Issue No.	126	GPS Lat/Long	
Issue Type +	Ma	Location *		37.265040 °	
Category	Rivers, Channels & Designated Flood			-120.427410 °	
Item	Vegetation	Vegetation & Obstructions			
DWR ID	DWR_NA0013_36_c _ 2013_126				

Check Point / View

#### Action/Comments

Inspector Comments: Some woody vegetatoin present on the left bank which may impeed flow in the future. Recommend removing woody vegetation from the channel.

#### Photo 1 of 1: CH\_2015\_NA0013\_36\_126\_20150812\_00050.jpg



Downstream view of Miles Creek from Coffee St.

Rating **	Α	Issue No.	127	GPS Lat/Long		
Issue Type +	Ma	Location *		37.265040 °		
Category	Rivers, Ch	-120.427410 °				
Item	Shoaling /	Shoaling / Sedimentation				
DWR ID DWR_NA0013_36_c _ 2013_127						
Action/Comments						

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	А	Issue No.	128	GPS Lat/Long		
Issue Type +	Ма	Location *		37.265040 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Erosion / E	Erosion / Bank Caving				
DWR ID	DWR_NA0013_36_c _ 2013_128					

Action/Comments

Inspector Comments: No visible erosion or bank caving at this location.

No Photos

\* Location LS : Land Side CR : Crown

: Acceptable : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

#### **Levee Inspection Report By Mile - Channel 2015**

#### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

#### Check Point / View Coffee St / Down (cont)

Rating **	N	N Issue No. 129				
Issue Type +	Ма	Location *		37.265040°		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Revetment	Revetments				
DWR ID	DWR_NA00	DWR_NA0013_36_c _ 2013_129				
Action/Comments						

No Photos

Inspector Comments: No revetments present at this location.

Rating **	Α	Issue No.	130	GPS Lat/Long	
Issue Type +	Ma	Location *		37.265040 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Encroachn	Encroachments			
DWR ID	DWR_NA00	DWR_NA0013_36_c _ 2013_130			
Action/Comments					

No Photos

Inspector Comments: No trash, debris or other encroachments present at this location.

#### Check Point / View Healy Rd / Up

,, op							
	Rating **	U	Issue No.	71	GPS Lat/Long		
	Issue Type +	Ma	Location *		37.263739	٥	
	Category	Rivers, Ch	Rivers, Channels & Designated Flood			0	
	Item	Vegetation	egetation & Obstructions				
	DWR ID	DWR_NA00	DWR_NA0013_36_c _ 2012_71				

#### Action/Comments

Inspector Comments: Some woody vegetation in the channel may impede flow. Recommend clearing at least 100 feet upstream.

#### Photo 1 of 1: CH\_2015\_NA0013\_36\_71\_20150812\_00051.jpg



Upstream view of Miles Creek from Healy Rd. crossing.

Location LS : Land Side CR : Crown

: Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

#### **Levee Inspection Report By Mile - Channel 2015**

#### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

#### Check Point / View Healy Rd / Up (cont) Rating \* Issue No. 72 GPS Lat/Long Issue Type + Location \* Ma 37.263739° Category Rivers, Channels & Designated Flood -120.434490 ° Item Shoaling / Sedimentation DWR ID DWR\_NA0013\_36\_c \_ 2012\_72 Action/Comments Inspector Comments: No shoaling or sedimentation present.

Rating \*\* Issue No. Α 73 GPS Lat/Long Issue Type + Ма Location \* 37.263739° Category Rivers, Channels & Designated Flood -120.434490 ° Item Erosion / Bank Caving DWR NA0013 36 c 2012 73 DWR ID Action/Comments

Inspector Comments: No visible erosion or bank caving at this location.

Rating **	N Issue No. 74			GPS Lat/Long			
Issue Type +	Ма	Location *		37.263739	•		
Category	Rivers, Ch	Rivers, Channels & Designated Flood					
Item	Revetment	Revetments					
DWR ID	DWR_NA00	DWR_NA0013_36_c _ 2012_74					
Action/Comments							

Inspector Comments: No revetments present at this location.

No Photos

No Photos

No Photos

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated A/W : Acceptable but Monitor & Maintain + Issue Type

#### **Levee Inspection Report By Mile - Channel 2015**

#### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

#### Check Point / View Healy Rd / Up (cont)

Rating **	A Issue No. <b>75</b>		GPS Lat/Long			
Issue Type +	Ma	Location *		37.263739	٥	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			0	
Item	Encroachn	Encroachments				
DWR ID	DWR_NA00	WR_NA0013_36_c _ 2012_75				

Action/Comments

Inspector Comments: No trash, debris or other encroachments present at this location.

# Check Point / View

#### **Healy Rd / Down**

-							
Rating **	M	Issue No.	76	GPS Lat/Long			
Issue Type +	Ма	Location *		37.263739	٥		
Category	Rivers, Channels & Designated Flood			-120.434490	٥		
Item	Vegetation	Vegetation & Obstructions					
DWR ID	DWR_NA0013_36_c _ 2012_76						

#### Action/Comments

Inspector Comments: Some woody vegetation in the channel may impede flow. Recommend clearing at least 100 feet downstream.

#### Photo 1 of 1: CH\_2015\_NA0013\_36\_76\_20150812\_00052.jpg

No Photos



Downstream view of Miles Creek from Healy Rd. crossing.

Rating **	Α	Issue No.	77	GPS Lat/Long	
Issue Type +	Ma	Location *		37.263739 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Shoaling /	Shoaling / Sedimentation			
DWR ID	DWR_NA00	DWR_NA0013_36_c _ 2012_77			
Action/Comments					

Inspector Comments: No shoaling or sedimentation present.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W: Acceptable but Monitor & Maintain

#### **Levee Inspection Report By Mile - Channel 2015**

#### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

#### Check Point / View Healy Rd / Down (cont)

Rating **	A Issue No. 78			GPS Lat/Long		
Issue Type +	Ma	Location *		37.263739	٥	
Category	Rivers, Channels & Designated Flood			-120.434490	۰	
Item	Erosion / E	Bank Caving	9			
DWR ID	DWR_NA00	DWR_NA0013_36_c _ 2012_78				

Action/Comments

Inspector Comments: No visible erosion or bank caving at this location.

Rating **	N Issue No. 79		79	GPS Lat/Long			
Issue Type +	Ma	Location *		37.263739 °			
Category	Rivers, Ch	annels & D	esignated Flood	-120.434490 °			
Item	Revetment	Revetments					
DWR ID DWR_NA0013_36_c _ 2012_79							
Action/Comments							

Inspector Comments: No revetments present at this location.

No Photos

No Photos

Rating \*\* Issue No. Α 80 GPS Lat/Long Issue Type + Ма Location \* 37.263739 ° Category Rivers, Channels & Designated Flood -120.434490 ° Item Encroachments DWR ID DWR\_NA0013\_36\_c \_ 2012\_80 Action/Comments

Inspector Comments: No trash, debris or other encroachments present at this location.

No Photos

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

#### Levee Inspection Report By Mile - Channel 2015

#### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

#### Check Point / View Tyler Rd / Up Rating \* Α Issue No. GPS Lat/Long Issue Type + Location \* Ma 37.263658° Category Rivers, Channels & Designated Flood -120.469774 ° Item Vegetation & Obstructions DWR ID DWR\_NA0013\_36\_c \_ 2012\_81 Action/Comments

Inspector Comments: Minor vegetation, but does not appear to be enough to impede flow.

#### Photo 1 of 1: CH\_2015\_NA0013\_36\_81\_20150812\_00053.jpg



Upstream view of Miles Creek from Tyler Rd. crossing.

Rating **	A Issue No. 82		GPS Lat/Long			
Issue Type +	Ма	Location *		37.263658 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Shoaling /	Shoaling / Sedimentation				
DWR ID DWR_NA0013_36_c _ 2012_82						
Action/Comments						

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	Α	A Issue No. 83		GPS Lat/Long		
Issue Type +	Ма	Location *		37.263658		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Erosion / E	Erosion / Bank Caving				
DWR ID DWR_NA0013_36_c _ 2012_83						
Action/Comments						

Inspector Comments: No visible erosion or bank caving at this location.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

#### **Levee Inspection Report By Mile - Channel 2015**

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

#### Tyler Rd / Up (cont)

Rating **	N Issue No. 84		GPS Lat/Long			
Issue Type +	Ма	Location *		37.263658	0	
Category	Rivers, Ch	annels & D	esignated Flood	-120.469770	0	
Item	Revetmen	Revetments				
DWR ID DWR_NA0013_36_c _ 2012_84						
Action/Comments						

Check Point / View

No Photos

Inspector Comments: No revetments present at this location.

Rating **	Α	Issue No.	85	GPS Lat/Long		
Issue Type +	Ма	Location *		37.263658 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Encroachn	Encroachments				
DWR ID	DWR_NA0013_36_c _ 2012_85					
Action/Comments						

No Photos

Inspector Comments: No trash, debris or other encroachments present at this location.

#### Check Point / View

'le	er Rd / Dov	vn				
	Rating **	Α	Issue No.	86	GPS Lat/Long	
	Issue Type +	Ма	Location *	37.263658	0	
	Category	Category Rivers, Channels & Designated Flood  Item Vegetation & Obstructions				
	Item					
	DWR ID	DWR_NA00				
Action/Comments						

Inspector Comments: Minor vegetation, but does not appear to be enough to impede flow.

#### Photo 1 of 1: CH\_2015\_NA0013\_36\_86\_20150812\_00054.jpg



Downstream view of Miles Creek from Tyler Rd. crossing.

Location LS : Land Side WS: Water Side CR : Crown

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

#### **Levee Inspection Report By Mile - Channel 2015**

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

#### Check Point / View Tyler Rd / Down (cont)

Rating **	A Issue No. 87		GPS Lat/Long				
Issue Type +	Ма	Location *		37.263658 °			
Category	Rivers, Ch	Rivers, Channels & Designated Flood					
Item	Shoaling /	Shoaling / Sedimentation					
DWR_NA0013_36_c _ 2012_87							
Action/Comments							

No Photos

Inspector Comments: No shoaling or sedimentation present.

Rating **	Α	Issue No.	88	GPS Lat/Long		
Issue Type +	Ма	Location *		37.263658 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Erosion / Bank Caving					
DWR ID	DWR_NA0013_36_c _ 2012_88					
Action/Comments						

No Photos

Inspector Comments: No visible erosion or bank caving at this location.

Rating **	N	Issue No.	89	GPS Lat/Long	
Issue Type +	Ма	Location *		37.263658 °	
Category	Rivers, Ch	-120.469770 °			
Item	Revetments				
DWR ID	DWR_NA0013_36_c _ 2012_89				
Action/Comments					
Inspector Comments: No revetments present at this location.					

No Photos

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

#### Levee Inspection Report By Mile - Channel 2015

#### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

# Check Point / View Tyler Rd / Down (cont)

Rating **	Α	Issue No.	90	GPS Lat/Long		
Issue Type +	Ma	Location *		37.263658 °		
Category	Rivers, Channels & Designated Flood			-120.469770 °		
Item	Encroachments					
DWR ID	DWR_NA0013_36_c _ 2012_90					

#### Action/Comments

Inspector Comments: Wire fence encroaching channel by 11 feet on both sides. It may accumulate debris and restrict flow. Recommend removal of the lower part of the fence just below the bridge superstructure.

Rating **	А	Issue No.	90 (cont)	GPS Lat/Long	
Issue Type +	Ma	Location *	37.263658 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Encroachn	Encroachments			
DWR ID	DWR_NA00	DWR_NA0013_36_c _ 2012_90			

#### Photo 1 of 2: CH\_2015\_NA0013\_36\_90\_20150812\_00055.jpg



View of the chain link fence encroaching into the channel on the left

#### Photo 2 of 2 : CH\_2015\_NA0013\_36\_90\_20150812\_00056.jpg



View of the chain link fence encroaching into the channel on the left bank.

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

#### Levee Inspection Report By Mile - Channel 2015

#### **Merced Streams Group**

Channel		Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

#### Check Point / View Reilly Rd / Up Rating \* Α Issue No. GPS Lat/Long Issue Type + Location \* Ma 37.258252° Category Rivers, Channels & Designated Flood -120.475232 ° Item Vegetation & Obstructions DWR ID DWR\_NA0013\_36\_c \_ 2012\_91 Action/Comments

Inspector Comments: Minor vegetation, but does not appear to be enough to impede flow.

## Photo 1 of 1 : CH\_2015\_NA0013\_36\_91\_20150812\_00057.jpg



Upstream view of Miles Creek from Reilly Rd. crossing.

Rating **	Α	Issue No.	92	GPS Lat/Long	
Issue Type +	pe + Ma Location *		ation * 37.2		
Category	Rivers, Ch	annels & D	esignated Flood	-120.475230 °	
Item	Shoaling /	Shoaling / Sedimentation			
DWR ID	DWR_NA00	DWR_NA0013_36_c _ 2012_92			
Action/Comments					

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	Α	Issue No.	93	GPS Lat/Long	
Issue Type +	Ma Location *			37.258252 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Erosion / E	Erosion / Bank Caving			
DWR ID	DWR_NA0013_36_c _ 2012_93				
Action/Comments					

Inspector Comments: No visible erosion or bank caving at this location.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

#### **Levee Inspection Report By Mile - Channel 2015**

#### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

#### Check Point / View Reilly Rd / Up (cont)

•					
Rating **	N	Issue No.	94	GPS Lat/Long	
Issue Type +	Ма	Location *		37.258252	0
Category	Rivers, Ch	annels & D	-120.475230	٥	
Item	Revetment	Revetments			
DWR ID DWR_NA0013_36_c _ 2012_94					
Action/Comments					

Inspector Comments: No revetments present at this location.

No Photos

Rating \*\* Issue No. Α 95 GPS Lat/Long Issue Type + Ма Location \* 37.258252 ° Category Rivers, Channels & Designated Flood -120.475230° Item Encroachments

Action/Comments

Inspector Comments: No trash, debris or other encroachments present at this location.

DWR\_NA0013\_36\_c \_ 2012\_95

No Photos

#### Reilly Rd / Down

DWR ID

iy ita / Do	••••				
Rating **	М	Issue No.	96	GPS Lat/Long	
Issue Type +	Ма	Location *		37.258252	0
Category	Rivers, Ch	annels & D	esignated Flood	-120.475230	0
Item	Item Vegetation & Obstructions				
DWR ID	DWR_NA00	13_36_c _ 2	012_96		

Check Point / View

Action/Comments

Inspector Comments: Some woody vegetation which may impede flow.

#### Photo 1 of 1: CH\_2015\_NA0013\_36\_96\_20150812\_00058.jpg



Downstream view Miles Creek from Reilly Rd. crossing.

Location LS : Land Side WS: Water Side CR : Crown

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated

A/W: Acceptable but Monitor & Maintain

+ Issue Type

#### **Levee Inspection Report By Mile - Channel 2015**

## **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

#### Check Point / View Reilly Rd / Down (cont)

Rating **	Α	Issue No.	97	GPS Lat/Long	
Issue Type +	Ма	Location *		37.258252	0
Category	Rivers, Ch	annels & D	-120.475230	٥	
Item	Shoaling / Sedimentation				
DWR ID DWR_NA0013_36_c _ 2012_97					
Action/Comments					

No Photos

Inspector Comments: No shoaling or sedimentation present.

Rating **	Α	Issue No.	98	GPS Lat/Long	
Issue Type +	Ма	Ma Location *		37.258252 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Erosion / E	Erosion / Bank Caving			
DWR ID	DWR_NA0013_36_c _ 2012_98				
Action/Comments					

No Photos

Inspector Comments: No visible erosion or bank caving at this location.

Rating **	Α	Issue No.	99	GPS Lat/Long		
Issue Type +	Ма	Location *		37.258252 °		
Category	Rivers, Channels & Designated Flood -12			-120.475230 °		
Item	Revetments					
DWR ID	DWR ID DWR_NA0013_36_c _ 2012_99					
Action/Comments						

No Photos

Inspector Comments: No revetments present at this location.

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

#### **Levee Inspection Report By Mile - Channel 2015**

#### **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

#### Check Point / View Reilly Rd / Down (cont)

Rating **	А	Issue No.	100	GPS Lat/Long
Issue Type +	Ma	Location *		37.258252 °
Category	Rivers, Channels & Designated Flood -120.475			-120.475230 °
Item	Encroachments			
DWR ID	DWR_NA0013_36_c _ 2012_100			

Action/Comments

Inspector Comments: No trash, debris or other encroachments present at this location.

#### Check Point / View

W	wy 59 / Up						
	Rating **	М	Issue No.	101	GPS Lat/Long		
	Issue Type +	Ма	Location *		37.255886	0	
	Category	Rivers, Channels & Designated Flood			-120.487965	0	
	Item	Vegetation & Obstructions					
	DWR ID	DWR_NA00	13_36_c _ 2	012_101			

#### Action/Comments

Inspector Comments: Some woody vegetation which may impede flow.

#### Photo 1 of 1: CH\_2015\_NA0013\_36\_101\_20150812\_00060.jpg

No Photos



Upstream view of Miles Creek from Highway 59 crossing.

Rating **	Α	Issue No.	102	GPS Lat/Long	
Issue Type +	Ma	Location *		37.255886 °	
Category	Rivers, Channels & Designated Flood			-120.487970 °	
Item	Shoaling / Sedimentation				
DWR ID	DWR_NA0013_36_c _ 2012_102				
Action/Comments					

Inspector Comments: No shoaling or sedimentation present.

No Photos

LS : Land Side WS: Water Side CR : Crown

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

### **Levee Inspection Report By Mile - Channel 2015**

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

#### Check Point / View Hwy 59 / Up (cont) Rating ' Issue No. 103 GPS Lat/Long Issue Type + Location \* Ma 37.255886° Category Rivers, Channels & Designated Flood -120.487970 ° Item Erosion / Bank Caving

Action/Comments

Inspector Comments: No visible erosion or bank caving at this location.

DWR\_NA0013\_36\_c \_ 2012\_103

DWR ID

Rating **	N	N Issue No. 104		GPS Lat/Long	
Issue Type +	Ма	Location *		37.255886	•
Category	Rivers, Ch	Rivers, Channels & Designated Flood			0
Item	Revetments				
DWR ID DWR_NA0013_36_c _ 2012_104					
Action/Comments					

Inspector Comments: No revetments present at this location.

No Photos

No Photos

Rating **	Α	Issue No.	105	GPS Lat/Long	
Issue Type +	Ma	Location *		37.255886 °	
Category	Rivers, Ch	annels & D	-120.487970 °		
Item	m Encroachments				
DWR ID	DWR_NA00	13_36_c _ 2	012_105		
		Action/Cor	mments		

Inspector Comments: No trash, debris or other encroachments present at this location.

No Photos

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

### **Levee Inspection Report By Mile - Channel 2015**

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

### Check Point / View Hwy 59 / Down

Rating **	М	Issue No.	106	GPS Lat/Long	
Issue Type +	Ma	Location *		37.255886	0
Category	Rivers, Ch	annels & D	esignated Flood	-120.487970	0
Item	Vegetation	& Obstruc	tions		
DWR ID	DWR_NA00	13_36_c _ 2	012_106		

#### Action/Comments

Inspector Comments: It appears that the Black walnut tree has been removed at the bridge. However there is more woody vegetation growing downstream in the channel, this can impede flow, please remove.

#### Photo 1 of 1: CH\_2015\_NA0013\_36\_106\_20150812\_00061.jpg



Downstream view of Miles Creek from Highway 59 crossing.

Rating **	A Issue No. 107		GPS Lat/Long			
Issue Type +	Ma	Location *		37.255886 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Shoaling /	Shoaling / Sedimentation				
DWR ID	R ID DWR_NA0013_36_c _ 2012_107					
Action/Comments						

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	М	Issue No. 108		GPS Lat/Long	
Issue Type +	Ма	Location *		37.255886	0
Category	Rivers, Ch	annels & D	-120.487970	0	
Item	Erosion / Bank Caving				
DWR ID	DWR_NA00	13_36_c _ 2	012_108		
	Action/Comments				

Inspector Comments: Erosion on the left bank due to overgrown woody vegetation on the right bank. Recommended to monitor the erosion and remove the woody vegetation.

No Photos

\* Location LS : Land Side CR : Crown

: Acceptable : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# **Levee Inspection Report By Mile - Channel 2015**

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Miles Creek	12.00	08/10/2015 08/11/2015	Maksim Khashchuk

#### Check Point / View Hwy 59 / Down (cont) Rating \* Issue No. 109 GPS Lat/Long Issue Type + Location \* Ma 37.255886° Category Rivers, Channels & Designated Flood -120.487970 ° Item Revetments DWR ID DWR\_NA0013\_36\_c \_ 2012\_109 Action/Comments Inspector Comments: No revetments present at this location.

Rating **	Α	Issue No.	110	GPS Lat/Long		
Issue Type +	Ma	Location *		37.255886 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Item Encroachments					
DWR ID DWR_NA0013_36_c _ 2012_110						
	Action/Comments					

Inspector Comments: No trash, debris or other encroachments present at this location.

No Photos

No Photos

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

### Flood Control Project Maintenance

# **Unit Cover Sheet**

### 2015 Channel Inspection Results

# **Merced Streams Group**

Channel
Owens Creek

Channel Rating	Α
Date of Inspection	08/10/2015
DWR Inspector	Maksim Khashchuk
Accompanied By	Tom Rogers Merced Irrigation District
	Mike Walejko Merced County Public Works

### **Levee Inspection Report By Mile - Channel 2015**

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Owens Creek	2.88	08/10/2015 08/10/2015	Maksim Khashchuk

#### Check Point / View Cunningham Rd / Up Rating \* Issue No. GPS Lat/Long Issue Type + Location \* Ma 37.290387° Category Rivers, Channels & Designated Flood -120.251836 ° Item Vegetation & Obstructions DWR ID DWR\_NA0013\_37\_c \_ 2012\_1 Action/Comments Inspector Comments: No vegetation within channel noted.

Photo 1 of 1: CH\_2015\_NA0013\_37\_1\_20150812\_00015.jpg



Upstream view from Cunningham Road crossing.

No Photos

Rating **	Α	Issue No.	2	GPS Lat/Long	
Issue Type +	Ma	Location *		37.290387 °	
Category	Rivers, Channels & Designated Flood -120.251840				
Item	Shoaling / Sedimentation				
DWR ID	DWR ID DWR_NA0013_37_c _ 2012_2				
Action/Comments					
Inspector Comments: No shoaling or sedimentation present					

Rating **	А	Issue No.	3	GPS Lat/Long
Issue Type +	Ма	Location *		37.290387 °
Category	Rivers, Ch	Rivers, Channels & Designated Flood		
Item	Erosion / Bank Caving			
DWR ID	DWR_NA0013_37_c _ 2012_3			
Action/Comments				
Inspector Comments: No head cutting or horizontal deviation observed.				

No Photos

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

### Levee Inspection Report By Mile - Channel 2015

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Owens Creek	2.88	08/10/2015 08/10/2015	Maksim Khashchuk

# Check Point / View

### Cunningham Rd / Up (cont)

Rating **	N	Issue No.	4	GPS Lat/Long	
Issue Type +	Ma	Location *		37.290387 °	
Category	Rivers, Channels & Designated Flood			-120.251840 °	
Item	Revetments				
DWR ID	DWR_NA0013_37_c _ 2012_4				

#### Action/Comments

Inspector Comments: No revetments present at this location.

No Photos

Rating **	М	Issue No.	5	GPS Lat/Long
Issue Type +	Ма	Location *		37.290387 °
Category	Rivers, Channels & Designated Flood			-120.251840 °
Item	Encroachments			
DWR ID	DWR_NA00	13_37_c _ 2	012_5	

### Action/Comments

Inspector Comments: There is a wire fence across the channel on the upstream side attached to the bridge piles, this could be an obstruction during high flows. Needs to be removed or constructed so that it will not cause an obstruction during high flows.

#### Photo 1 of 1: CH\_2015\_NA0013\_37\_5\_20150812\_00002.jpg



Wire fence on upstream side of Cunningham crossing.

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

# **Levee Inspection Report By Mile - Channel 2015**

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Owens Creek	2.88	08/10/2015 08/10/2015	Maksim Khashchuk

### Check Point / View **Cunningham Rd / Down**

_						
Rating **	Α	Issue No.	6	GPS Lat/Long		
Issue Type +	Ma	Location *		37.290387	0	
Category	Rivers, Ch	ivers, Channels & Designated Flood			0	
Item	Item Vegetation & Obstructions					
DWR ID	DWR_NA00	13_37_c _ 2	012_6			

#### Action/Comments

Inspector Comments: Vegetation is present, but not enough to impede flow during high water events.

#### Photo 1 of 1: CH\_2015\_NA0013\_37\_6\_20150812\_00016.jpg



Cunningham crossing downstream view.

Rating **	Α	Issue No.	7	GPS Lat/Long	
Issue Type +	Ма	Location *		37.290387 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Shoaling / Sedimentation				
DWR ID	DWR_NA0013_37_c _ 2012_7				
A :: 10					

Action/Comments

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	А	Issue No.	8	GPS Lat/Long	
Issue Type +	Ма	Location *		37.290387	0
Category	Rivers, Channels & Designated Flood			-120.251840	0
Item	Item Erosion / Bank Caving				
DWR ID	DWR_NA0013_37_c _ 2012_8				
Action/Comments					

Inspector Comments: No visible erosion or bank caving.

No Photos

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

# Levee Inspection Report By Mile - Channel 2015

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Owens Creek	2.88	08/10/2015 08/10/2015	Maksim Khashchuk

# Check Point / View Cunningham Rd / Down (cont)

Rating **	N	Issue No.	9	GPS Lat/Long	
Issue Type +	Ма	Location *		37.290387 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Revetment	Revetments			
DWR ID	DWR_ID DWR_NA0013_37_c _ 2012_9				
Action/Comments					

Inspector Comments: No revetments present at this location.

No Photos

Rating **	М	Issue No.	10	GPS Lat/Long
Issue Type +	Ма	Location *		37.290387 °
Category	Rivers, Ch	Rivers, Channels & Designated Flood		
Item	Encroachments			
DWR ID	DWR_NA0013_37_c _ 2012_10			
		A - C 10 -		

#### Action/Comments

Inspector Comments: Debris accumulation under the bridge. May restrict flows during high water event.

#### Photo 1 of 1 : CH\_2015\_NA0013\_37\_10\_20150812\_00004.jpg



Debris and vegetation accumulated under bridge.

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

### Levee Inspection Report By Mile - Channel 2015

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Owens Creek	2.88	08/10/2015 08/10/2015	Maksim Khashchuk

#### Check Point / View Childs Ave / Up Rating \*\* Α Issue No. GPS Lat/Long Issue Type + Location \* Ma 37.287303° Category Rivers, Channels & Designated Flood -120.254863 ° Item Vegetation & Obstructions DWR ID DWR\_NA0013\_37\_c \_ 2012\_11 Action/Comments

Inspector Comments: Some vegetation, but does not appear to be enough to impede flows.

#### Photo 1 of 1: CH\_2015\_NA0013\_37\_11\_20150812\_00017.jpg



Upstream view of Childs Ave. crossing.

Rating **	Α	A Issue No. 12				
Issue Type +	Ma	Location *		37.287303 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood -120.254863				
Item	Shoaling /	Shoaling / Sedimentation				
DWR ID	DWR_NA0013_37_c _ 2012_12					
Action/Comments						

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	Α	A Issue No. 13			
Issue Type +	Ма	Location *		37.287303 °	
Category	Rivers, Ch	annels & D	-120.254863 °		
Item	Item Erosion / Bank Caving				
DWR ID	DWR ID DWR_NA0013_37_c _ 2012_13				
Action/Comments					

Inspector Comments: No visible erosion or bank caving.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

### **Levee Inspection Report By Mile - Channel 2015**

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Owens Creek	2.88	08/10/2015 08/10/2015	Maksim Khashchuk

### Check Point / View Childs Ave / Up (cont)

Rating **	N	Issue No. 14		GPS Lat/Long	
Issue Type +	Ма	Location *		37.287303	۰
Category	Rivers, Channels & Designated Flood			-120.254863	۰
Item	em Revetments				
DWR ID	DWR_NA0013_37_c _ 2012_14				
	Action/Comments				

No Photos

Inspector Comments: No revetments present at this location.

Rating **	Α	Issue No. 15		GPS Lat/Long	
Issue Type +	Ma	Location *		37.287303 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Item Encroachments				
DWR ID DWR_NA0013_37_c _ 2012_15					
Action/Comments					

No Photos

Inspector Comments: The wire fence across the channel has been cut and it appears that it should not collect debris and block flows.

### Check Point / View Ch

i	lds Ave / D	own				
	Rating **	Α	Issue No.	16	GPS Lat/Long	
	Issue Type +	Ма	Location *		37.287303	0
	Category	Rivers, Ch	annels & D	esignated Flood	-120.254863	0
	Item Vegetation & Obstructions					
	DWR ID	DWR_NA00	13_37_c _ 2	012_16		
			Action/Cor	mments		

Inspector Comments: Some minor vegetation present, but will not impede flows.

#### Photo 1 of 1: CH\_2015\_NA0013\_37\_16\_20150812\_00018.jpg



View of downstream channel at Childs Ave.

Location LS : Land Side WS: Water Side CR : Crown

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

# Levee Inspection Report By Mile - Channel 2015

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Owens Creek	2.88	08/10/2015 08/10/2015	Maksim Khashchuk

# Check Point / View Childs Ave / Down (cont)

Rating **	Α	A Issue No. 17			
Issue Type +	Ма	Location *		37.287303	0
Category	Rivers, Ch	annels & D	-120.254863	0	
Item Shoaling / Sedimentation					
DWR ID DWR_NA0013_37_c _ 2012_17					
Action/Comments					

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	Α	Issue No. 18		GPS Lat/Long
Issue Type +	Ма	Location *		37.287303 °
Category	Rivers, Channels & Designated Flood			-120.254863 °
Item	Erosion / Bank Caving			
DWR ID	DWR_NA00	13_37_c _ 2	012_18	
		A - C 10 -		

#### Action/Comments

Inspector Comments: Some minor bank caving, where channel changes direction, please monitor.

### Photo 1 of 1: CH\_2015\_NA0013\_37\_18\_20150812\_00007.jpg



View of the repaired erosion site.

Rating **	N	N Issue No. 19		GPS Lat/Long
Issue Type +	Ма	Location *		37.287303 °
Category	Rivers, Ch	annels & D	-120.254863 °	
Item	Item Revetments			
DWR ID	DWR ID DWR_NA0013_37_c _ 2012_19			
Action/Comments				

Inspector Comments: No revetments present at this location.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected + Issue Type

### Levee Inspection Report By Mile - Channel 2015

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Owens Creek	2.88	08/10/2015 08/10/2015	Maksim Khashchuk

# Check Point / View Childs Ave / Down (cont)

	•	•				
Rating **	M	Issue No.	20	GPS Lat/Long		
Issue Type +	Ma	Location *		37.287303°		
Category	Rivers, Ch	annels & D	esignated Flood	-120.254863 °		
Item	Encroachments					
DWR ID	DWR_NA0013_37_c _ 2012_20					

#### Action/Comments

Inspector Comments: Wire fence has been placed across the channel, fence is holding debris and needs to be constructed so it will not impede flows during high water events. Note removal of fence may accelerate the erosion at this point. See erosion comment.

#### Photo 1 of 1: CH\_2015\_NA0013\_37\_20\_20150812\_00008.jpg



View of the wire fence across the channel downstream of Childs Ave. crossing.

# Check Point / View Mission Ave extension / Up

	•					
Rating **	Α	Issue No.	GPS Lat/Long			
Issue Type +	Ма	Location *		37.272955 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Vegetation & Obstructions					
DWR ID DWR_NA0013_37_c _ 2012_21						
Action/Comments						

# Inspector Comments: Minor vegetation but does not appear to be enough to impede flow.

#### Photo 1 of 1: CH\_2015\_NA0013\_37\_21\_20150812\_00019.jpg



Upstream view of Owens Creek from Mission Ave. crossing.

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

### **Levee Inspection Report By Mile - Channel 2015**

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Owens Creek	2.88	08/10/2015 08/10/2015	Maksim Khashchuk

### Check Point / View Mission Ave extension / Up (cont)

Rating **	A	Issue No.	22	GPS Lat/Long	
Issue Type +	Ма	Location *		37.272955 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Shoaling / Sedimentation				
DWR ID	DWR_NA0013_37_c _ 2012_22				
Action/Comments					

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating \*\* Issue No. Α 23 GPS Lat/Long Location \* Issue Type + Ма 37.272955° Category Rivers, Channels & Designated Flood -120.280170° Item Erosion / Bank Caving

No Photos

Action/Comments

Inspector Comments: No visible erosion or bank caving.

DWR\_NA0013\_37\_c \_ 2012\_23

Rating **	Α	Issue No.	24	GPS Lat/Long		
Issue Type +	Ма	Location *		37.272955 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Revetmen	Revetments				
DWR ID	DWR_NA0013_37_c _ 2012_24					
Action/Comments						

No Photos

Inspector Comments: Riprap has been placed on both upstream and downstream side of bridge.

\* Location LS : Land Side CR : Crown

DWR ID

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

### **Levee Inspection Report By Mile - Channel 2015**

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Owens Creek	2.88	08/10/2015 08/10/2015	Maksim Khashchuk

### Check Point / View Mission Ave extension / Up (cont)

Rating **	Α	Issue No.	25	GPS Lat/Long		
Issue Type +	Ма	Location *		37.272955		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Encroachn	Encroachments				
DWR ID DWR_NA0013_37_c _ 2012_25						
Action/Comments						

Inspector Comments: No trash, debris or other encroachments noted at this location.

No Photos

#### Check Point / View **Mission Ave extension / Down**

Rating **	Α	Issue No.	26	GPS Lat/Long
Issue Type +	Ма	Location *		37.272955
Category	Rivers, Ch	annels & D	-120.280170 °	
Item	Vegetation & Obstructions			
DWR ID	DWR_NA0013_37_c _ 2012_26			

#### Action/Comments

Inspector Comments: Minor downstream vegetation, but does not appear to be enough to impede flow.

#### Photo 1 of 1: CH\_2015\_NA0013\_37\_26\_20150812\_00020.jpg



Downstream view of Owens Creek from Mission Ave. crossing.

Rating **	Α	Issue No.	27	GPS Lat/Long	
Issue Type +	Ма	Location *		37.272955	۰
Category	Rivers, Ch	annels & D	esignated Flood	-120.280170	0
Item	Shoaling / Sedimentation				
DWR ID	DWR_NA00	13_37_c _ 2	012_27		
Action/Comments					

Inspector Comments: No shoaling or sedimentation present.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected : Corrected A/W: Acceptable but Monitor & Maintain

### **Levee Inspection Report By Mile - Channel 2015**

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Owens Creek	2.88	08/10/2015 08/10/2015	Maksim Khashchuk

### Check Point / View **Mission Ave extension / Down (cont)**

Rating **	Α	Issue No.	28	GPS Lat/Long
Issue Type +	Ma	Location *		37.272955 °
Category	Rivers, Channels & Designated Flood			-120.280170 °
Item	Erosion / Bank Caving			
DWR ID	DWR_NA0013_37_c _ 2012_28			

#### Action/Comments

Inspector Comments: No visible erosion or bank caving.

No Photos

Rating **	Α	Issue No.	29	GPS Lat/Long	
Issue Type +	Ма	Location *		37.272955 °	
Category	Rivers, Channels & Designated Flood			-120.280170 °	
Item	Revetments				
DWR ID	DWR_NA0013_37_c _ 2012_29				

#### Action/Comments

Inspector Comments: Riprap has been placed in the channel at its most constricting point, beneath the bridge, this may reduce the flow capacity of the channel.

#### Photo 1 of 1: CH\_2015\_NA0013\_37\_29\_20150812\_00011.jpg



View of the riprap in the channel at Mission Ave crossing.

Rating **	Α	Issue No.	30	GPS Lat/Long	
Issue Type +	Ма	Location *		37.272955	0
Category	Rivers, Channels & Designated Flood			-120.280170	0
Item	Encroachments				
DWR ID	DWR_NA0013_37_c _ 2013_30				
Action/Comments					

Inspector Comments: No trash, debris or other encroachments noted at this location.

No Photos

\* Location LS : Land Side CR : Crown

: Acceptable : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# **Levee Inspection Report By Mile - Channel 2015**

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Owens Creek	2.88	08/10/2015 08/10/2015	Maksim Khashchuk

### Check Point / View Diversion at Le Grand Canal, D/S Limit / Up

Rating **	М	Issue No.	31	GPS Lat/Long	
Issue Type +	Ма	Location *		37.273393 °	
Category	Rivers, Channels & Designated Flood			-120.277410 °	
Item	Vegetation & Obstructions				
DWR ID	DWR_NA0013_37_c _ 2012_31				

#### Action/Comments

Inspector Comments: Vegetation is thick and obstructing flow.

#### Photo 1 of 1: CH\_2015\_NA0013\_37\_31\_20150812\_00021.jpg



Upstream view of Owens Creek at diversion.

Rating **	Α	Issue No.	32	GPS Lat/Long	
Issue Type +	Ma	Location *		37.273393 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Shoaling /	Shoaling / Sedimentation			
DWR ID	DWR_NA0013_37_c _ 2012_32				
Action/Comments					

Inspector Comments: No shoaling or sedimentation present.

No Photos

Rating **	А	Issue No.	33	GPS Lat/Long	
Issue Type +	Ма	Location *		37.273393	0
Category	Rivers, Channels & Designated Flood			-120.277410	0
Item	Erosion / Bank Caving				
DWR ID	DWR_NA0013_37_c _ 2012_33				
Action/Comments					

Inspector Comments: No visible erosion or bank caving.

No Photos

\* Location LS : Land Side CR : Crown

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

# **Levee Inspection Report By Mile - Channel 2015**

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Owens Creek	2.88	08/10/2015 08/10/2015	Maksim Khashchuk

### Check Point / View

### Diversion at Le Grand Canal, D/S Limit / Up (cont)

Rating **	N	Issue No.	34	GPS Lat/Long		
Issue Type +	Ma	Location *		37.273393 °		
Category	Rivers, Ch	Rivers, Channels & Designated Flood				
Item	Revetmen	Revetments				
DWR ID	DWR_NA0013_37_c _ 2012_34					
Action/Comments						

Inspector Comments: No revetments present at this location.

No Photos

Rating **	М	Issue No.	35	GPS Lat/Long	
Issue Type +	Ma	Location *		37.273393 °	
Category	Rivers, Ch	Rivers, Channels & Designated Flood			
Item	Encroachn	Encroachments			
DWR ID	DWR_NA0013_37_c _ 2012_35				
Action/Commonts					

Inspector Comments: Possible excavation at this location, which appears to be impeding flow. An earth dam is placed across the channel.

#### Photo 1 of 1: CH\_2015\_NA0013\_37\_35\_20150812\_00013.jpg



Photo shows what appears to be material placed in the channel, material is overgrown with vegetation.

+ Issue Type

# **Levee Inspection Report By Mile - Channel 2015**

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Owens Creek	2.88	08/10/2015 08/10/2015	Maksim Khashchuk

### Check Point / View Diversion at Le Grand Canal, D/S Limit / Down

Rating **	Α	Issue No.	36	GPS Lat/Long		
Issue Type +	Ma	Location *		37.273393 °		
Category	Rivers, Channels & Designated Flood			-120.277410 °		
Item	Vegetation	Vegetation & Obstructions				
DWR ID	DWR_NA0013_37_c _ 2012_36					

#### Action/Comments

Inspector Comments: Vegitation is noted but not enough to impeed flows.

#### Photo 1 of 1: CH\_2015\_NA0013\_37\_36\_20150812\_00022.jpg



Downstream view of Owens Creek from the diversion.

Rating **	Α	Issue No.	37	GPS Lat/Long		
Issue Type +	Ma	Location *		37.273393 °		
Category	Rivers, Ch	-120.277410 °				
Item	Shoaling /	Shoaling / Sedimentation				
DWR ID	DWR_NA0013_37_c _ 2012_37					
		A - C 10 -				

Action/Comments

Inspector Comments: No shoaling or sedimentation present.

		tos

Rating **	Α	Issue No.	38	GPS Lat/Long			
Issue Type +	Ма	Location *		37.273393 °			
Category	Rivers, Channels & Designated Flood			-120.277410 °			
Item	Erosion / Bank Caving						
DWR ID	DWR_NA0013_37_c _ 2012_38						
Action/Comments							

Inspector Comments: No visible erosion or bank caving.

No Photos

\* Location LS : Land Side CR : Crown

A : Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

# **Levee Inspection Report By Mile - Channel 2015**

# **Merced Streams Group**

Channel	Channel Length	Inspection Start/End	Inspector
Owens Creek	2.88	08/10/2015 08/10/2015	Maksim Khashchuk

### Check Point / View Diversion at Le Grand Canal, D/S Limit / Down (cont)

	Rating **	N	N Issue No. 39		GPS Lat/Long				
	Issue Type +	Ма	Location *		37.273393	0			
	Category	Rivers, Ch	-120.277410	0					
	Item	Revetments							
	DWR ID	DWR_NA0013_37_c _ 2012_39							
Action/Comments									
	Inspector Comments: No revetment observed.								

Rating \*\* Issue No. Α 40 GPS Lat/Long Issue Type + Ма Location \* 37.273393° Category Rivers, Channels & Designated Flood -120.277410 ° Item Encroachments DWR ID DWR\_NA0013\_37\_c \_ 2012\_40 Action/Comments

Inspector Comments: No trash, debris or other encroachments noted at this location.

No Photos

No Photos

\* Location LS : Land Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type